



400 Seventh Street, S.W.
Washington, D.C. 20590

U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

Dear Crash Data Researchers/Users:

Thank you for choosing crash data from the National Highway Traffic Safety Administration (NHTSA) for your research or other use. The information contained in this motor vehicle crash report is collected, maintained and distributed in accordance with Public Law 89-564. In accordance with this Public Law, NHTSA is required not to release any case information until completion of quality control procedures. These procedures include a review of the case material to extract all names, licenses and registration numbers, non-coded interview material, non-research related researcher comments in the margins, non-factual data, and the production number portion of the vehicle identification number (VIN).

If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

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AUTO SAFETY HOTLINE
(800) 424-9393
Wash. D.C. Area 366-0123

UMTRI - 96 - 8
VERSION 05

UM-3713-98
1998 Pontiac Grand Am

In-depth Vehicle Occupant Report

The University
of Michigan
Transportation
Research Institute

UMIVOR-UMIVOR-UMIVOR



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The crash investigation process is an inexact science which requires that physical evidence such as skid marks, vehicular damage measurements, and occupant contact points are coupled with the investigator's expert knowledge and experience of vehicle dynamics and occupant kinematics in order to determine the pre-crash, crash, and post-crash movements of involved vehicles and occupants.

Because each crash is a unique sequence of events, generalized conclusions cannot be made concerning the crashworthiness performance of the involved vehicle(s) or their safety systems.

UM-3713-98

Case Vehicle (A): 1998 Pontiac
Type: Grand Am SE, 2-door coupe
Driver: 20-year-old female
CDC: 12-FDEW-2

Veh. (B): 1996 Ford
Type: Ranger XL, 4 x 2 pickup
Driver: 20-year-old male
CDC: 99-ØØØØ-Ø

Situation

(Slide 1) Case vehicle (A) was traveling at a driver-estimated speed of 75 kph in the left westbound lane of a (slide 2) four-lane asphalt road. It was daylight, the sky was cloudy, but the road surface was dry and in good condition. Vehicle (B) was traveling west at an unknown speed in front of case vehicle (A) and behind vehicle (X). When traffic stopped in the left westbound lane in front of vehicle (B), the driver of vehicle (B) slowed down and went into the right westbound lane to avoid being struck in the rear by case vehicle (A). The driver of case vehicle (A) also steered into the right westbound lane and struck vehicle (B) in the rear with its front. The driver of vehicle (B) had been drinking and a PBT test revealed a blood alcohol level .07 percent. Damage to the rear of vehicle (B) was minor, and it was driven from the accident scene.

Using the WinSMASH accident-reconstruction program (slides 3, 4, 5 and 6) and the averaged c-values measured at the level of the bumper and (slide 7 and 8) the upper radiator support, the following Equivalent Barrier Speed was calculated for case vehicle (A):

Vehicle	Variable	Calculated Velocity Change - kph (mph)		
		Total	Longitudinal	Latitudinal
Case Vehicle (A)	EBS	20 (12)	-19 (-12)	-3 (-2)

Exterior Damage

(Slide 9) Damage to case vehicle (A) was moderate. Direct contact length of 139 cm extended the entire width of the damaged front bumper. (Slide 10) The maximum crush was 31 cm to the right upper radiator support. In the front, (slides 11 and 12) the grille, both headlight assemblies, the hood, and (slide 13) the hood latch were damaged, and the hood latch was jammed

closed. The rear edge of the hood was elevated, but it did not contact the undamaged windshield. (Slide 14) There was no left-side damage, (slide 15) but the wheelbase was increased 4 cm. (Slide 16) There was no right-side damage and (slide 17) there was no significant change in the wheelbase.

Interior Damage

(Slide 18) This vehicle was equipped with steering-wheel and (slide 19) passenger frontal-impact airbags, which deployed. (Slides 20 and 21) There was no damage to the steering-wheel rim or spokes, and no apparent rotation of the steering column. (Slides 22 and 23) The upper instrument panel and upper vent outlets were damaged due to the passenger airbag deployment. (Slides 24, 25, 26, 27, 28 and 29) There was no observable interior damage.

Occupant Injuries and Kinematics

(Slide 30) The 5-ft, 4-in, 90-lb 20-year-old female driver was not wearing the available three-point belt, (slide 31) but the untethered next-generation airbag deployed. Prior to impact, she reportedly had her right foot on the brake pedal and her hands at the 10 and 2 o'clock positions on the steering-wheel rim. She sustained strained and swollen right forearm and upper arm, probably due to bracing (steering-wheel), or possibly due to contact by the deploying airbag.

The 6-ft, 4-in, 220-lb 25-year-old male right-front passenger was wearing the three-point belt and the frontal-impact airbag deployed. During the frontal impact, he moved forward into the belt restraint and airbag and did not sustain any injuries.

(Slide 32) The 5-ft, 4-in, 120-lb 18-year-old female rear-center passenger was wearing the available lap belt. She was sitting sideways with her feet behind the drivers seat. She did not sustain any injuries during the frontal impact.

(Slides 33, 34 and 35) The attached tables summarize the injuries sustained by the female driver, the right-front passenger, and the rear-center passenger.

Occupant: Driver
 Restraints: 3-point belt not worn, airbag deployed

Age: 20 years
 Stature: 163 cm (5 ft 4 in)

Sex: Female
 Mass: 41 kg (90 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Strain and swollen right arm, from wrist to shoulder	1		Steering wheel (bracing)	Airbag
<u>Maximum A.I.S. Level</u>	<u>1</u>			
<u>Injury Severity Score</u>	<u>1</u>			

Occupant: Right front
 Restraints: 3-point belt worn and airbag deployed

Age: 25 years
 Stature: 193 cm (6 ft 4 in)

Sex: Male
 Mass: 100 kg (220 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
No injury				
<u>Maximum A.I.S. Level</u>	<u>0</u>			
<u>Injury Severity Score</u>	<u>0</u>			

Occupant: Center rear
 Restraints: Lap belt worn, sitting on seat sideways with feet behind drivers seat

Age: 18 years
 Stature: 163 cm (5 ft 4 in)

Sex: Female
 Mass: 54 kg (120 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
No injury				
<u>Maximum A.I.S. Level</u>	<u>0</u>			
<u>Injury Severity Score</u>	<u>0</u>			

TEAM CODE

30

NO. OF CASE VEHICLES IN ACCIDENT

1

ACCIDENT ID

03713

NUMBER OF SLIDES

35

VEHICLE NUMBER

1

TEAM REPORT NUMBER

MODULE

A D

UM-3713-98

FORMAT

0 1

FORM VERSION

0 5

SPECIAL STUDY

- (00) None
- (01) Offset Frontal
- (98) Not Applicable

99

DATE OF FIELD INVESTIGATION:

~~XXXXXXXXXX~~ 1 98

INVESTIGATOR:

~~XXXXXXXXXX~~

LOCATION WHERE VEHICLE WAS EVALUATED:

~~XXXXXXXXXX~~, Michigan

CIRCLE PHOTO RECORDS MADE:

SLIDES

NEGATIVES

POLAROIDS

REPORT PREPARED BY:

~~XXXXXXXXXX~~

Duplicate columns 1-8 from the previous card. Module <u>G</u> <u>1</u> Format <u>0</u> <u>1</u>		GENERAL INFORMATION GI-1	
TIME DATE OF COLLISION <u> </u> / <u>9</u> / <u>8</u> <small>m m d d y y</small> HOUR OF COLLISION <u>2</u> <u>0</u> <u>3</u> <u>4</u> (24 HOUR CLOCK) <small>19 22</small>	ENVIRONMENTAL CONDITIONS CONSTRUCTION ZONE (0) NO (1) YES (9) UNKNOWN <u>0</u> <small>31</small>		
LOCATION STATE: <u>Michigan</u> STATE FIPS CODE <u>26</u> <small>25 24</small> AREA (1) URBAN (2) RURAL (9) UNKNOWN <u>2</u> <small>25</small>	ROAD ALIGNMENT VERTICAL PLANE (1) LEVEL (2) CREST OF HILL (3) SLOPE (2%) (4) BOTTOM OF HILL (9) UNKNOWN <u>3</u> <small>32</small>		
ENVIRONMENTAL CONDITIONS LIMITED-ACCESS HIGHWAY (0) NO (1) YES (9) UNKNOWN <u>0</u> <small>26</small>	ROAD ALIGNMENT HORIZONTAL PLANE (1) STRAIGHT (2) CURVE (3) T - SHAPED (4) Y - SHAPED (7) OTHER: _____ (9) UNKNOWN <u>1</u> <small>33</small>		
ROAD, TOTAL TRAFFIC LANES (FOR CASE VEHICLE) (1) 1-LANE (2) 2-LANES (3) 3-LANES (4) 4 OR MORE LANES (5) DIVIDED, 4 OR MORE LANES (6) PARKING LOT/DRIVEWAY (7) OTHER: _____ (9) UNKNOWN <u>4</u> <small>27</small>	SURFACE COVERING (10) DRY <u>1</u> <u>0</u> <small>34 35</small> (21) WATER - DAMP (22) WATER - WET (23) WATER - PUDDLED (29) WATER - AMOUNT UNKNOWN (31) SNOW - LOOSE (32) SNOW - PACKED (39) SNOW - CONDITION UNKNOWN (41) ICE (51) SLUSH (61) SPILLED GRAVEL (71) OTHER: _____ (99) UNKNOWN		
INTERSECTING RD, TOTAL LANES CHOOSE FROM ABOVE LIST, OR (8) NOT APPLICABLE <u>8</u> <small>28</small>	VISIBILITY LIMITATION (FOR CASE VEHICLE) (0) NONE (1) CLOUDY/DARK (2) FOG (3) SMOKE (4) WINDSHIELD CONDITION (5) GLARE (6) RAIN (7) OTHER: _____ (8) ICE/SNOW (9) UNKNOWN <u>0</u> <small>38</small>		
TYPE OF ROAD SURFACE (1) ASPHALT (2) CONCRETE (3) GRAVEL (4) MORE THAN ONE (CIRCLE EACH) (7) OTHER: _____ (9) UNKNOWN <u>1</u> <small>29</small>	VISIBILITY OBSTRUCTION (FOR CASE VEHICLE) (0) NONE (1) BUILDING (2) SIGN (3) VEGETATION (E.G. BUSHES, SHRUBS) (4) TREE (5) HILL OR CURVE IN ROAD (6) VEHICLE IN TRANSPORT (7) OTHER: _____ (8) PARKED VEHICLE (9) UNKNOWN <u>0</u> <small>37</small>		
ROAD DEFECTS (0) NO (1) YES (9) UNKNOWN <u>0</u> <small>30</small>			

GENERAL INFORMATION G1-2

ENVIRONMENTAL CONDITIONS

SPEED LIMIT

- (0) 5-45 km/h 5-25 mph
- (1) 46-55 30
- (2) 56-60 35
- (3) 61-70 40
- (4) 71-79 45 ✓
- (5) 80-85 50
- (6) 86-90 55
- (7) 91-105 60
- (8) OVER 105 65
- (9) UNKNOWN

PRECIPITATION

- (0) NONE
- (1) RAIN
- (2) SNOW
- (3) HAIL
- (4) FREEZING RAIN/SLEET
- (7) OTHER: _____
- (9) UNKNOWN

RATE OF PRECIPITATION

- (1) LIGHT/MIST
- (2) MODERATE
- (3) HEAVY
- (8) NOT APPLICABLE
- (9) UNKNOWN

TEMPERATURE

- (0) BELOW -15° C BELOW 5° F
- (1) -15 TO -6 5 TO 22
- (2) -5 TO -1 23 TO 31
- (3) 0 TO 2 32 TO 36
- (4) 3 TO 5 37 TO 41
- (5) 6 TO 15 42 TO 59
- (6) 16 TO 25 60 TO 77
- (7) 26 TO 35 78 TO 95
- (8) OVER 35 OVER 96
- (9) UNKNOWN

CROSSWIND

- (0) NONE
- (1) LIGHT
- (2) STRONG
- (3) GUSTY & STRONG
- (9) UNKNOWN

LIGHT CONDITIONS

- (1) DAYLIGHT
- (2) DAWN
- (3) DUSK
- (4) DARK, LIGHTED
- (5) DARK, UNLIGHTED
- (6) DARK, UNKNOWN IF LIGHTED
- (9) UNKNOWN

MECHANICAL MALFUNCTION

WAS THERE MENTION OF A MECHANICAL MALFUNCTION IN CASE VEHICLE

- (0) NO
- (1) YES
- (2) YES, DID NOT CONTRIBUTE TO ACCIDENT
- (9) UNKNOWN

4
38

0
44

0
39

THE FOLLOWING SECTION SHOULD BE FILLED OUT IF A MECHANICAL MALFUNCTION IS RECOGNIZED OR SUSPECTED.

CIRCLE ITEMS INVOLVED. SUPPORT ANY ITEMS CIRCLED WITH COMMENTS.

- BRAKE SYSTEM
- EXHAUST SYSTEM
- STEERING SYSTEM
- SUSPENSION SYSTEM
- ELECTRICAL SYSTEM
- THROTTLE CONTROLS
- DRIVER CONTROLS
- POWER TRAIN
- FUEL SYSTEM
- VISIBILITY ITEMS
- TIRES
- UNKNOWN

OTHER: _____

COMMENTS: _____

8
40

9
41

9
42

1
43

GENERAL INFORMATION GI-3

<p>CRASH DETAILS</p> <p>CASE VEHICLE AND OBJECT</p> <p>(0) NO (1) YES (9) UNKNOWN</p>	$\frac{0}{45}$	<p>HIGHEST POLICE INJURY SEVERITY CODE IN CRASH (NOT JUST CASE VEHICLE)</p> <p>(0) O - NO INJURY (1) C - POSSIBLE INJURY (2) B - NON-INCAPACITATING INJURY (3) A - INCAPACITATING INJURY (4) K - FATAL (5) INJURED, SEVERITY UNKNOWN (6) DIED PRIOR TO ACCIDENT (7) NON-FATAL INJURY SEVERITY UNKNOWN (9) UNKNOWN</p>	$\frac{0}{53}$
<p>CASE VEHICLE ROLLOVER</p> <p>(0) NO ROLLOVER (1) YES, FIRST EVENT (2) YES, SUBSEQUENT EVENT (3) YES, SEQUENCE UNKNOWN (9) UNKNOWN</p>	$\frac{0}{46}$	<p>DRIVER IMPAIRMENT</p> <p>DRIVER ALCOHOL INVOLVEMENT (CASE VEHICLE)</p> <p>(0) NONE (1) YES (9) UNKNOWN/NOT REPORTED/NO DRIVER</p>	
<p>CASE VEHICLE RAN OFF ROADWAY (BEFORE FIRST IMPACT)</p> <p>(0) NO (1) YES (9) UNKNOWN</p>	$\frac{0}{47}$		
<p>MOVING CASE VEHICLE AND CONTACTED MOVING VEHICLE</p> <p>(0) NO (1) YES (9) UNKNOWN</p>	$\frac{1}{48}$	<p>DRIVER ALCOHOL BAC (CASE VEHICLE)</p> <p>(80) NO TEST (90) CHEMICAL TESTS, NO RESULTS (95) AUTOPSY, NO RESULTS (99) UNKNOWN</p>	
<p>CASE VEHICLE AND CONTACTED STOPPED VEHICLE</p> <p>(0) NO (1) YES (9) UNKNOWN</p>	$\frac{0}{49}$	<p>WAS THERE MENTION OF DRIVER IMPAIRMENT FOR CASE VEHICLE?</p> <p>(0) NO (1) YES (9) UNKNOWN</p>	
<p>STOPPED CASE VEHICLE AND CONTACTED VEHICLE</p> <p>(0) NO (1) YES (9) UNKNOWN</p>	$\frac{0}{50}$	<p style="text-align: center;">LIST IMPAIRMENTS MENTIONED:</p> <hr/> <hr/> <hr/>	
<p>TOTAL NUMBER OF VEHICLES CONTACTED BY CASE VEHICLE IN CRASH</p> <p>(8) 8 OR MORE (9) UNKNOWN</p>	$\frac{1}{51}$	<p>POST - CRASH DETAIL</p> <p>MANNER CASE VEHICLE LEFT SCENE</p> <p>(1) DRIVEN (2) TOWED DUE TO DAMAGE (3) TOWED, NOT DUE TO DAMAGE (4) TOWED, REASON UNKNOWN (9) UNKNOWN</p>	
<p>ANY FIRE IN THIS CRASH (NOT JUST CASE VEHICLE)</p> <p>(0) NO (1) YES (9) UNKNOWN</p>	$\frac{0}{52}$	<p style="text-align: right;">$\frac{2}{58}$</p>	

ACCIDENT SCHEMATIC

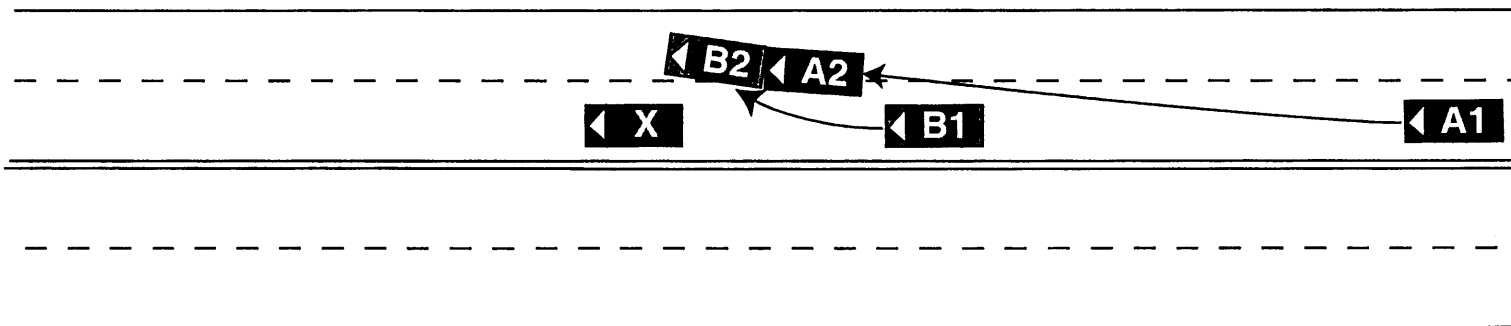
ACCIDENT DESCRIPTION: Case veh. (A) was traveling west and
veh. (B) was traveling west in front of case veh. (A).
Veh. (B) changed lanes and was struck in the
rear by the front of case vehicle (A), which also changed lanes.

CASE VEHICLE (A): 1998 Pontiac Grand Am
OTHER VEHICLE (B): 1996 Ford Ranger
THIRD VEHICLE (C): _____

G
4



NORTH



Duplicate columns 1-8 from the previous card.

Module 0 V Format 0 1
 9 10 11 12

OTHER VEHICLE OV-1

MAKE: Ford

CARGO: _____

MODEL: Ranger XL, 4x2 Pickup

VIN [REDACTED]

MANUFAC/BODY CODE 12112
30 34

VEHICLE TYPE

MAKE/MODEL CODE 3121
38

PASSENGER VEHICLE

MODEL YEAR 1996

- (02) LARGE
- (03) LIMOUSINE
- (17) PICKUP CAR
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

VEHICLE MASS (kg) 001343
41 46

MULTIPURPOSE PASSENGER VEHICLE

IF SEPARATE REPORT WAS MADE, GIVE VEHICLE NUMBER 0

- (14) SMALL UTILITY (WHEELBASE LESS THAN 107', E.G. JEEP, BRONCO)
- (15) LARGE UTILITY (WHEELBASE MORE THAN 107', E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (17) PICKUP CAR WITH CANOPY/SHELL COVER
- (21) MOTOR HOME
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (23) PICKUP CAR WITH SLIDE-IN CAMPER
- (31) CHASSIS-MOUNTED CAMPER

NUMBER OF OCCUPANTS 02
(ENTER 9'S IF UNKNOWN) 49

TRUCK

TRAVELING SPEED (km/h) 997
52

- (000) PARKED OR STOPPED
- (995) JUST STARTING UP
- (996) BACKING UP
- (997) SPEED NOT EXCESSIVE (BUT UNKNOWN)
- (998) SPEED EXCESSIVE (BUT UNKNOWN)
- (999) UNKNOWN

- (11) VAN
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOBTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

HIGHEST POLICE INJURY SEVERITY CODE FOR THIS VEHICLE

- (0) O - NO INJURY
- (1) C - POSSIBLE INJURY
- (2) B - NON-INCAPACITATING INJURY
- (3) A - INCAPACITATING INJURY
- (4) K - FATAL
- (5) INJURED, SEVERITY UNKNOWN
- (6) DIED PRIOR TO ACCIDENT
- (7) NON-FATAL INJURY SEVERITY UNKNOWN
- (8) UNOCCUPIED VEHICLE (NOT APPLICABLE)
- (9) UNKNOWN

0
53

BUS

- (40) UNKNOWN BUS TYPE
- (41) SCHOOL BUS
- (42) INTERCITY BUS (BETWEEN CITIES)
- (43) TRANSIT BUS (INTRACITY)
- (44) STREETCAR (ON TRACKS)
- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)
- (99) UNKNOWN

WHEELBASE (cm) 274
(999) UNKNOWN 56 57 58

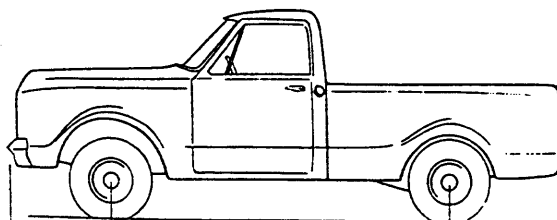
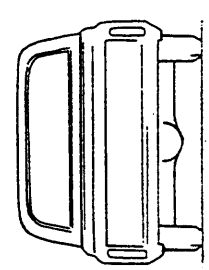
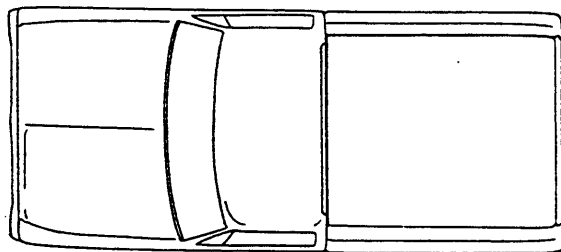
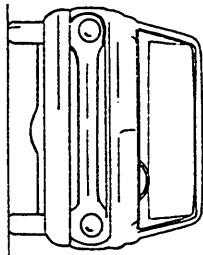
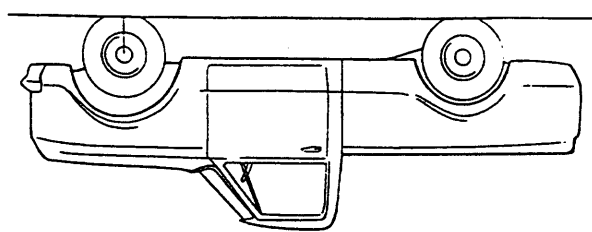
Duplicate columns 1-8 from the previous card.

Module 0 9 V 10 Format 0 2 11 12

OTHER VEHICLE OV-2

ORIGINAL SPECIFICATIONS

Wheelbase	<u>274</u> cm	Front Overhang	<u>085</u> cm
Curb Weight	<u>1343</u> kg	Rear Overhang	<u>109</u> cm
Average Track Width	<u>145</u> cm	Undeformed End Width (UEW)	<u>155</u> cm
Overall Length	<u>467</u> cm	Engine Displacement	<u>2.3</u> L
Overall Width (OAW)	<u>176</u> cm	Engine: # of Cylinders	<u>04</u>



This vehicle was driven from accident scene and was not inspected.

FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL)

999 cm

Front-End Overlap (Percent) = $\frac{DDL}{UEW}$

99 %

Vehicle Overlap (Percent) = $\frac{DDL + 1/2 (OAW - UEW)}{OAW}$

99 %

Duplicate columns 1-8 from the previous card. Module V D Format 0 1
9 10 11 12 **VEHICLE DESCRIPTION VD-1**

MAKE: PONTIAC CARGO: None
 MODEL: GRAND AM SE, 2-door coupe

VIN [REDACTED]

MANUFAC/BODY CODE 1 1 5 2 7
30 34

MAKE/MODEL CODE 0 3 3 1
38

MODEL YEAR 1 9 9 8

VEHICLE MASS (kg) 0 0 1 2 8 6
41 46

ODOMETER (km)
 (ENTER 9'S IF UNKNOWN) 0 0 7 5 6 5
 (ENTER 8'S IF ELECTRONIC) 47 52

NUMBER OF OCCUPANTS 0 3
 (ENTER 9'S IF UNKNOWN) 54

TRAVELING SPEED (km/h) 9 9 9
57

(000) PARKED OR STOPPED
 (995) JUST STARTING UP
 (996) BACKING UP
 (997) SPEED NOT EXCESSIVE (BUT UNKNOWN)
 (998) SPEED EXCESSIVE (BUT UNKNOWN)
 (999) UNKNOWN

STOLEN VEHICLE

(0) NO
 (1) YES
 (8) NOT COLLECTED
 (9) UNKNOWN 8
60

BODY STRUCTURE

(1) BODY & FRAME
 (2) UNITIZED
 (3) INTEGRAL-STUB FRAME
 (4) BODY & PLATFORM FRAME (E.G. VW BUG)
 (5) PARTIALLY UNITIZED
 (7) OTHER: _____
 (9) UNKNOWN 2
61

TRANSMISSION

(0) NONE
 (1) AUTOMATIC
 (2) MANUAL
 (9) UNKNOWN 1
62

VEHICLE TYPE

PASSENGER VEHICLE 1 2
58 59

(11) 2-DOOR HARDTOP (NO UPPER B-PILLAR)
 (12) 2-DOOR SEDAN OR COUPE (ANY UPPER B-PILLAR)
 (13) 4-DOOR HARDTOP
 (14) 4-DOOR SEDAN
 (15) STATION WAGON
 (16) CONVERTIBLE
 (18) OTHER PASS. VEH. : _____
 (19) PASSENGER VEHICLE, TYPE UNKNOWN

MULTIPURPOSE PASSENGER VEHICLE
 (21) SMALL UTILITY (E.G. JEEP, SCOUT, BRONCO)
 (22) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
 (23) VAN, SIZE UNKNOWN
 (24) VAN, SMALL (MINI)
 (25) VAN, LARGE
 (29) MPV, TYPE UNKNOWN
 (30) MOTOR HOME

TRUCK
 (31) PICKUP TRUCK, UNKNOWN
 (32) PICKUP TRUCK, SMALL (DOWNSIZED)
 (33) PICKUP TRUCK, LARGE
 (99) UNKNOWN

LOCATION OF TRANSMISSION SELECTOR LEVER

(1) FLOOR
 (2) CONSOLE
 (3) COLUMN
 (7) OTHER: _____
 (9) UNKNOWN 2
63

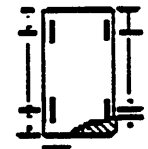
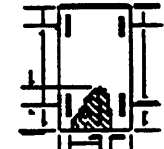
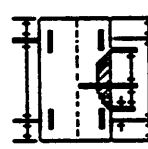
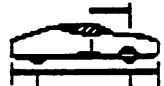
STEERING

(1) POWER
 (2) MANUAL
 (9) UNKNOWN 1
64

BRAKES

(1) POWER
 (2) MANUAL
 (9) UNKNOWN 1
65

VEHICLE DESCRIPTION VD-2

<p>TYPE OF BRAKES</p> <p>(1) DRUM, ALL WHEELS (2) DISC, FRONT WHEELS (3) DISC, ALL WHEELS (9) UNKNOWN</p> <p>BRAKE ANTI-LOCK DEVICE</p> <p>(0) NONE INSTALLED (1) TWO-WHEEL (2) FOUR-WHEEL (7) EQUIPPED, UNKNOWN WHEELS (9) UNKNOWN</p> <p>AIR CONDITIONING IN VEHICLE</p> <p>(0) NO (1) YES (8) NOT COLLECTED (9) UNKNOWN</p>	<p>$\frac{2}{66}$</p> <p>$\frac{2}{67}$</p> <p>$\frac{8}{68}$</p>	<p>WHEELBASE (cm) (999) Unknown</p> <p>$\frac{263}{74\ 75\ 76}$</p> <p>PLASTIC ANTI-LACERATIVE INNER LAYER GLASS EQUIPPED</p> <p>(0) NONE (1) WINDSHIELD (2) WINDSHIELD AND SIDE (7) OTHER (9) UNKNOWN</p> <p>$\frac{0}{77}$</p>
<p>TYPE OF DRIVE</p> <p>(1) REAR WHEEL (2) FRONT WHEEL (3) FOUR WHEEL (4) ALL WHEEL DRIVE (9) UNKNOWN</p> <p>DUAL REAR WHEELS</p> <p>(0) NO (1) YES (9) UNKNOWN</p> <p>ORIGINAL TYPE OF RESTRAINT SYSTEM</p> <p>(1) ACTIVE BELT (2) PASSIVE BELT (3) AIRBAG (4) KNEE BOLSTERS (7) OTHER: _____ (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN</p> <p>EQUIPPED WITH ROLL BAR</p> <p>(0) NO (1) YES (9) UNKNOWN</p> <p>TYPE OF ROOF</p> <p>(0) NONE (1) SOLID (2) T-TOP CLOSED (3) T-TOP OPEN (4) SUN ROOF CLOSED (5) SUN ROOF OPEN (6) CONVERTIBLE CLOSED (7) CONVERTIBLE OPEN (8) OTHER: _____ (9) UNKNOWN</p>	<p>$\frac{2}{69}$</p> <p>$\frac{0}{70}$</p> <p>$\frac{3}{71}$</p> <p>$\frac{0}{72}$</p> <p>$\frac{1}{73}$</p>	<p>FIELD INVESTIGATOR INSTRUCTIONS:</p> <ol style="list-style-type: none"> INDICATE CRUSHED AREAS BY <u>OUT-LINING NEW PERIMETER OF VEHICLE AND SHADING THE DAMAGED AREAS ON THE LARGE SKETCH ON PAGE VD-3.</u> USE AS MANY SKETCHES AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE. ENTER THE DIMENSIONS ON THE SKETCH(ES) MEASURED TO THE POINT OF MAXIMUM PENETRATION BY THE OBJECT(S) CONTACTED. USE THE EXAMPLES BELOW AS A GUIDE. ENTER THE THREE DIMENSIONS TO THE CENTER OF THE WHEELS (WHEELBASE, FRONT AND REAR OVERHANGS) ON BOTH SIDES OF THE CAR. ADD OTHER DIMENSIONS AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE. <p>EXAMPLES:</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>FRONT OR REAR</p>  </div> <div style="text-align: center;">  </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> <p>SIDE</p>  </div> <div style="text-align: center;"> <p>ROOF (REFERENCE TO TOP OF DOOR SILL OR WINDOW SILL)</p>  </div> </div>

Duplicate columns 1-8 from the previous card.

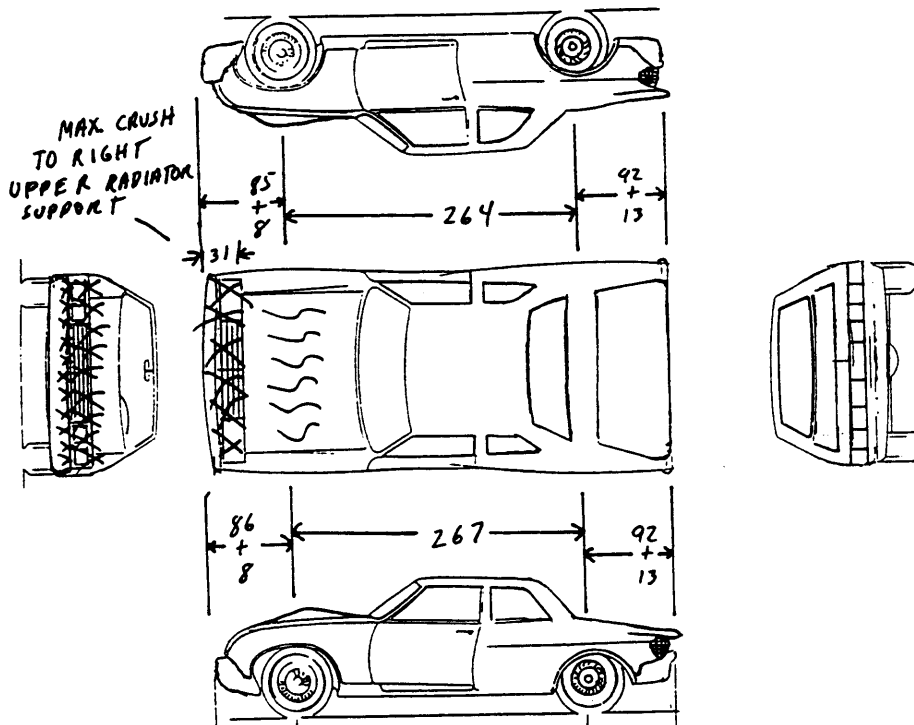
Module V D Format 0 2
 9 10 11 12

VEHICLE DESCRIPTION VD-3

ORIGINAL SPECIFICATIONS

Wheelbase	<u>263</u> cm	Front Overhang	<u>106</u> cm
Curb Weight	<u>1286</u> kg	Rear Overhang	<u>106</u> cm
Average Track Width	<u>143</u> cm	Undeformed End Width (UEW)	<u>140</u> cm
Overall Length	<u>473</u> cm	Engine Displacement	<u>3.1</u> L
Overall Width (OAW)	<u>174</u> cm	Engine: # of Cylinders	<u>06</u>

VEHICLE DAMAGE



FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more
 Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL) 140 cm

Front-End Overlap (Percent) = $\frac{DDL}{UEW}$ 98%

Vehicle Overlap (Percent) = $\frac{DDL + 1/2 (OAW - UEW)}{OAW}$ 98%

Duplicate columns 1-8 from the previous card.		Module <u>D</u> <u>A</u> Format <u>0</u> <u>2</u> 9 10 11 12				DAMAGE DA-1	
PRIMARY EVENT NUMBER IMPACT SPEED (km/h) ESTIMATED BY CRUSH (cm) CDC #1 CDC #2	CASE VEHICLE PRIMARY CDC			CONTACTED VEHICLE ASSOCIATED CDC			
	$\begin{array}{c} \underline{1} \\ 13 \end{array}$			$\begin{array}{ccc} \underline{9} & \underline{9} & \underline{9} \\ 35 & 36 & 37 \end{array}$			
	$\begin{array}{ccc} \underline{9} & \underline{9} & \underline{9} \\ 14 & 15 & 16 \end{array}$			$\begin{array}{ccc} \underline{1} \\ 38 \end{array}$			
	$\begin{array}{c} \underline{1} \\ 17 \end{array}$			$\begin{array}{ccc} \underline{9} & \underline{9} & \underline{9} \\ 39 & 40 & 41 \end{array}$			
	$\begin{array}{ccc} \underline{0} & \underline{3} & \underline{1} \\ 18 & 19 & 20 \end{array}$			$\begin{array}{ccccccc} \underline{9} & \underline{9} & \underline{0} & \underline{0} & \underline{0} & \underline{0} & \underline{0} \\ 42 & & & & & & 48 \end{array}$			
	$\begin{array}{ccccccc} \underline{1} & \underline{2} & \underline{-} & \underline{F} & \underline{D} & \underline{E} & \underline{W} & \underline{-} & \underline{2} \\ 21 & & & & & & & & 27 \end{array}$			$\begin{array}{ccccccc} \underline{9} & \underline{9} & \underline{0} & \underline{0} & \underline{0} & \underline{0} & \underline{0} & \underline{0} \\ 49 & & & & & & & 55 \end{array}$			
$\begin{array}{ccc} \underline{9} & \underline{8} & \underline{0} & \underline{0} & \underline{0} & \underline{0} & \underline{0} & \underline{0} \\ 28 & & & & & & & 34 \end{array}$			$\begin{array}{ccccccc} \underline{9} & \underline{9} & \underline{0} & \underline{0} & \underline{0} & \underline{0} & \underline{0} & \underline{0} \\ 49 & & & & & & & 55 \end{array}$				
Duplicate columns 1-8 from the previous card.		Module <u>D</u> <u>A</u> Format <u>0</u> <u>3</u> 9 10 11 12					
SECONDARY EVENT NUMBER IMPACT SPEED (km/h) ESTIMATED BY CRUSH (cm) CDC #1 CDC #2	CASE VEHICLE SECONDARY CDC			CONTACTED VEHICLE ASSOCIATED CDC			
	$\begin{array}{c} \underline{\quad} \\ 13 \end{array}$			$\begin{array}{ccc} \underline{\quad} & \underline{\quad} & \underline{\quad} \\ 35 & 36 & 37 \end{array}$			
	$\begin{array}{ccc} \underline{\quad} & \underline{\quad} & \underline{\quad} \\ 14 & 15 & 16 \end{array}$			$\begin{array}{ccc} \underline{\quad} \\ 38 \end{array}$			
	$\begin{array}{c} \underline{\quad} \\ 17 \end{array}$			$\begin{array}{ccc} \underline{\quad} & \underline{\quad} & \underline{\quad} \\ 39 & 40 & 41 \end{array}$			
	$\begin{array}{ccc} \underline{\quad} & \underline{\quad} & \underline{\quad} \\ 18 & 19 & 20 \end{array}$			$\begin{array}{ccccccc} \underline{\quad} & \underline{\quad} & \underline{\quad} & \underline{\quad} & \underline{\quad} & \underline{\quad} & \underline{\quad} \\ 42 & & & & & & 48 \end{array}$			
	$\begin{array}{ccccccc} \underline{\quad} & \underline{\quad} & \underline{\quad} & \underline{\quad} & \underline{\quad} & \underline{\quad} & \underline{\quad} \\ 21 & & & & & & 27 \end{array}$			$\begin{array}{ccccccc} \underline{\quad} & \underline{\quad} & \underline{\quad} & \underline{\quad} & \underline{\quad} & \underline{\quad} & \underline{\quad} \\ 49 & & & & & & 55 \end{array}$			
$\begin{array}{ccc} \underline{\quad} & \underline{\quad} & \underline{\quad} \\ 28 & & 34 \end{array}$			$\begin{array}{ccccccc} \underline{\quad} & \underline{\quad} & \underline{\quad} & \underline{\quad} & \underline{\quad} & \underline{\quad} & \underline{\quad} \\ 49 & & & & & & 55 \end{array}$				
CODES							
EVENT NUMBER (8) NOT APPLICABLE (9) UNKNOWN	IMPACT SPEED ESTIMATOR (1) INVESTIGATOR (2) DRIVER (3) POLICE (4) "CRASH" PROGRAM (5) OTHER COMPUTER PROGRAM SPECIFY: _____ (7) OTHER: _____ (8) NOT APPLICABLE (NO VEHICLE/NO IMPACT)	CRUSH (998) NOT APPLICABLE (NO VEHICLE/DAMAGE) (999) UNKNOWN CDC (9800000) NOT APPLICABLE (9900000) UNKNOWN					

Duplicate columns 1-8
from the previous card.

Module D A Format 0 1
9 10 11 12

DAMAGE DA-2

MAXIMUM SHEET METAL CRUSH

(cm) (999) UNKNOWN

FRONT 0 3 1
13 15

RIGHT SIDE 0 0 0
16 18

REAR 0 0 0
19 21

LEFT SIDE 0 0 0
22 24

ROOF 0 0 0
25 27

OTHER 0 0 0
28 30

CHRONOLOGICAL SEQUENCE
OF DAMAGE/INJURY PRODUCING CRASH EVENTS
FOR CASE VEHICLE

NOTE: IF CHRONOLOGICAL ORDER
IS UNKNOWN, EVENT
ORDER IS OPTIONAL

DO YOU KNOW THIS TABLE
TO BE IN CHRONOLOGICAL ORDER? 1

31

(0) NO
(1) YES

EVENT NUMBER	IMPACT LOCATION	IMPACT CONFIGURATION	OBJECT/VEHICLE CONTACTED
# 1	(1) ON ROADWAY (2) SHOULDER/MEDIAN/GORE (3) ON ROADSIDE (4) OUTSIDE ROADSIDE RIGHT-OF-WAY (5) OTHER (6) OFF ROADWAY, LOC. UNK. (9) UNKNOWN	FOR CODES, SEE TABLE ON PAGE DA-3.	FOR CODES, SEE TABLE ON PAGE DA-4.
	<u>1</u> 32	<u>14</u> 34	<u>12</u> 36
#2	— 37	— 39	— 41
#3	— 42	— 44	— 46
#4	— 47	— 49	— 51
#5	— 52	— 54	— 56
#6	— 57	— 59	— 61
#7	— 62	— 64	— 66

CODES FOR
IMPACT CONFIGURATION**FRONT OF CASE VEHICLE**

- (11) AND **FRONT** OF CONTACTED VEHICLE
- (13) AND **SIDE** OF CONTACTED VEHICLE
- (14) AND **REAR** OF CONTACTED VEHICLE
- (16) **ENDSWIPED** BY CONTACTED VEHICLE
- (17) AND **OBJECT**
- (19) AND **UNKNOWN** OTHER VEHICLE CONFIGURATION

LEFT SIDE OF CASE VEHICLE

- (21) AND **FRONT** OF CONTACTED VEHICLE (TYPE T)
- (22) AND **FRONT** OF CONTACTED VEHICLE (TYPE L)
- (23) AND **SIDE** OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (24) AND **REAR** OF CONTACTED VEHICLE (TYPE T)
- (25) AND **REAR** OF CONTACTED VEHICLE (TYPE L)
- (26) **SIDSWIPED** BY CONTACTED VEHICLE
- (27) AND **OBJECT**
- (29) AND **UNKNOWN** OTHER VEHICLE CONFIGURATION

REAR OF CASE VEHICLE

- (31) AND **FRONT** OF CONTACTED VEHICLE
- (33) AND **SIDE** OF CONTACTED VEHICLE
- (34) AND **REAR** OF CONTACTED VEHICLE
- (36) **ENDSWIPED** BY CONTACTED VEHICLE
- (37) AND **OBJECT**
- (39) AND **UNKNOWN** OTHER VEHICLE CONFIGURATION

RIGHT SIDE OF CASE VEHICLE

- (41) AND **FRONT** OF CONTACTED VEHICLE (TYPE T)
- (42) AND **FRONT** OF CONTACTED VEHICLE (TYPE L)
- (43) AND **SIDE** OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (44) AND **REAR** OF CONTACTED VEHICLE (TYPE T)
- (45) AND **REAR** OF CONTACTED VEHICLE (TYPE L)
- (46) **SIDSWIPED** BY CONTACTED VEHICLE
- (47) AND **OBJECT**
- (49) AND **UNKNOWN** OTHER VEHICLE CONFIGURATION

OTHER

- (57) VEHICLE TO OBJECT
- (58) VEHICLE TO VEHICLE
- (59) VEHICLE TO VEHICLE, CONFIGURATION **UNKNOWN**

ROLLOVER

- (61) LESS THAN 360°
- (62) 360° OR MORE
- (69) DETAILS **UNKNOWN**

UNKNOWN

- (99) IMPACT TYPE **UNKNOWN**

DAMAGE DA-4

CODES FOR VEHICLE/OBJECT CONTACTED

VEHICLE/OBJECT GROUPS

- (00) NO OBJECT
- (01) - (39) PASSENGER VEHICLE & TRUCK
- (40) - (69) OTHER VEHICLE
- (70) - (76) PEDESTRIAN & ON-ROADWAY OBJECT
- (77) - (97) OFF-ROADWAY OBJECT

- (98) OTHER (DESCRIBE)
- (99) UNKNOWN

PASSENGER VEHICLE

- (02) LARGE
- (03) LIMOUSINE
- (17) PICKUP
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

SIZE	WHEELBASE
SUB-MINI	< 2286 mm (< 90")
MINI	2286 - 2412 mm (90" - 94.9")
SUB-COMPACT	2413 - 2539 mm (95" - 99.9")
COMPACT	2540 - 2666 mm (100" - 104.9")
INTERMEDIATE	2667 - 2793 mm (105" - 109.9")
FULL	2794 - 2920 mm (110" - 114.9")
LARGE	2921 - 3174 mm (115" - 124.9")
LIMOUSINE	> 3175 mm (> 125")

MULTIPURPOSE PASSENGER VEHICLE

- (11) SMALL VAN (MINI)
- (12) PICKUP
- (14) SMALL UTILITY (WHEELBASE LESS THAN 107",
E.G. JEEP, BRONCO)
- (15) LARGE UTILITY (WHEELBASE MORE THAN 107",
E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (17) PICKUP CAR WITH CANOPY/SHELL COVER
- (21) MOTOR HOME
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (23) PICKUP CAR WITH SLIDE-IN CAMPER
- (31) CHASSIS-MOUNTED CAMPER

TRUCK

- (11) SMALL VAN (E.G. ECONOLINE)
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOBTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

BUS

- (40) UNKNOWN BUS TYPE
- (41) SCHOOL BUS
- (42) INTERCITY BUS (BETWEEN CITIES)
- (43) TRANSIT BUS (INTRACITY)
- (44) STREETCAR (ON TRACKS)

MOTORCYCLE

- (50) UNKNOWN MOTORCYCLE TYPE
- (51) 1 - 75 cc
- (52) 76 - 125 cc
- (53) 126 - 250 cc
- (54) 251 - 500 cc
- (55) 501 - 750 cc
- (56) 751 cc +
- (57) 3-WHEELS (OR WITH SIDECAR)

SPECIAL PURPOSE VEHICLE

- (60) UNKNOWN/OTHER SPECIAL VEHICLE (DESCRIBE)
- (61) SNOWMOBILE
- (62) ATV (ALL TERRAIN VEHICLE)
- (63) AMPHIBIOUS VEHICLE
- (64) FARM VEHICLE
- (65) CONSTRUCTION VEHICLE
- (66) TRAILER, PRIVATE (CAMPER)
- (67) TRAILER, COMMERCIAL (CARGO)
- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)

OBJECT

- (70) PEDESTRIAN
- (71) BICYCLIST, OTHER PEDALCYCLIST
- (72) PEDESTRIAN CONVEYANCE (E.G. PERSON RIDING
ANIMAL, CART)
- (73) LARGE ANIMAL
- (74) FALLEN OBJECT (E.G. OBJECT DISLODGED FROM
OTHER VEHICLE, FALLEN TREE, ROCKS)
- (75) ROCKS
- (76) CONSTRUCTION EQUIPMENT (EXCLUDING (65))
- (77) SIGN POST, UTILITY POLE, TREE
- (78) DITCH
- (79) EMBANKMENT, SNOWBANK, RR TRACKS RR X
- (80) GROUND (ROLLOVER ONLY)
- (81) CURB (DAMAGE PRODUCING IMPACTS ONLY)
- (82) CULVERT
- (83) FENCE
- (84) HYDRANT, SHORT POST, STUMP
- (85) SMALL POST/TREE, RURAL MAIL BOX, MILE
MARKER, DELINEATOR
- (86) BUILDING
- (87) PIER, PILLAR, BRIDGE SUPPORT
- (88) ABUTMENT, RETAINING WALL
- (89) BRIDGE RAIL
- (90) GUARD RAIL, LEADING SECTION
- (91) GUARD RAIL, MIDDLE OR UNKNOWN
- (92) GUARD RAIL, TRAILING SECTION
- (93) GUARD POST (TIMBER, METAL, CONCRETE)
- (94) CABLE, FENCE BARRIER
- (95) CONCRETE BARRIER (MEDIAN)
- (96) IMPACT ATTENUATOR
- (97) BREAKAWAY FEATURES

Duplicate columns 1-8 from the previous card.

Module C B Format 0 1
9 10 11 12

CRASH RECONSTRUCTION CR-1
for ΔV

	CASE VEHICLE PRIMARY IMPACT		CASE VEHICLE SECONDARY IMPACT	
	CASE VEHICLE	CONTACTED VEHICLE	CASE VEHICLE	CONTACTED VEHICLE
EVENT NUMBER	<u>1</u> 13		<u>47</u>	
ΔV (km/h) TOTAL	<u>9</u> — 14 15 16	<u>9</u> — 32 33 34	<u> </u> 48 49 50	<u> </u> 66 67 68
LONGITUDINAL*	<u>9</u> — 17 ——— 20	<u>9</u> — 35 ——— 38	<u> </u> ——— <u>54</u> 51 ———	<u> </u> ——— <u>72</u> 69 ———
LATERAL*	<u>9</u> — 21 ——— 24	<u>9</u> — 39 ——— 42	<u> </u> ——— <u>58</u> 55 ———	<u> </u> ——— <u>76</u> 73 ———
*NOTE: THESE ΔV COMPONENTS MUST INCLUDE SIGN. EXAMPLES: 10 km/h = ± 010 -7 km/h = - 007				
ENERGY DISSIPATED BY CRUSH (kj)	<u>9</u> — 25 ——— 28	<u>9</u> — 43 ——— 46	<u> </u> ——— <u>62</u> 59 ———	<u> </u> ——— <u>80</u> 77 ———
RECONSTRUCTION				
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL	<u>1 2</u> 29 30		<u> </u> <u>64</u> 63	
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL				
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL				
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL				
NOT RECONSTRUCTED BECAUSE				
(02) INSUFFICIENT DATA				
(03) EXCESSIVE UNDERRIDE/ OVERRIDE				
(04) ROLLOVER				
(05) VAULTING				
(06) OTHER TRAVEL IN MORE THAN ONE PLANE				
(07) NON-HORIZONTAL FORCE				
(08) SIDESWIPE-TYPE DAMAGE				
(09) YIELDING OBJECT				
(10) OTHER: _____				
(11) AT LEAST ONE VEHICLE BEYOND SCOPE				
(12) OTHER VEHICLE NOT INSPECTED				
MODE				
(1) CDC ONLY				
(2) CDC & DETAILED DAMAGE	<u>5</u> 31		<u> </u> 65	
(3) TRAJECTORY & CDC				
(4) TRAJECTORY & CDC & DETAILED DAMAGE				
(5) NOT RECONSTRUCTED				
COMPUTER PROGRAM SPECIFY: _____				

Duplicate columns 1-8 from the previous card.

Module C R Format 0 2
 9 10 11 12

CRASH RECONSTRUCTION CR-2
 for EBS

	CASE VEHICLE PRIMARY IMPACT			CASE VEHICLE SECONDARY IMPACT		
	CASE VEHICLE	CONTACTED VEHICLE		CASE VEHICLE	CONTACTED VEHICLE	
EVENT NUMBER	<u>1</u> 13			<u> </u> 47		
EBS (km/h) TOTAL	<u>020</u> 14 15 16	<u>9—</u> 32 33 34		<u> </u> 48 49 50	<u> </u> 66 67 68	
LONGITUDINAL*	<u>-019</u> 17 20	<u>9—</u> 35 38		<u> </u> 51 54	<u> </u> 69 72	
LATERAL*	<u>-003</u> 21 24	<u>9—</u> 39 42		<u> </u> 55 58	<u> </u> 73 76	
*NOTE: THESE EBS COMPONENTS MUST INCLUDE SIGN.						
EXAMPLES: 10 km/h = ±010 -7 km/h = -007						
ENERGY DISSIPATED BY CRUSH (kj)	<u>0024</u> 25 28	<u>9—</u> 43 46		<u> </u> 59 62	<u> </u> 77 80	
RECONSTRUCTION						
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL	<u>22</u> 29 30			<u> </u> 63 64		
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL						
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL						
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL						
NOT RECONSTRUCTED BECAUSE						
(02) INSUFFICIENT DATA						
(03) EXCESSIVE UNDERRIDE/OVERRIDE						
(04) ROLLOVER						
(05) VAULTING						
(06) OTHER TRAVEL IN MORE THAN ONE PLANE						
(07) NON-HORIZONTAL FORCE						
(08) SIDESWIPE-TYPE DAMAGE						
(09) YIELDING OBJECT						
(10) OTHER: _____						
(11) AT LEAST ONE VEHICLE BEYOND SCOPE						
(12) OTHER VEHICLE NOT INSPECTED						
MODE						
(1) CDC ONLY						
(2) CDC & DETAILED DAMAGE	<u>2</u> 31			<u> </u> 65		
(3) TRAJECTORY & CDC						
(4) TRAJECTORY & CDC & DETAILED DAMAGE						
(5) NOT RECONSTRUCTED						
COMPUTER PROGRAM SPECIFY: <u>WIP Smash</u>						

Duplicate columns 1-8 from the previous card.

Module C R Format 0 3
 9 10 11 12

CRASH RECONSTRUCTION CR-3

- NOTES:
1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.
 2. MEASURE C₁ TO C₆ FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.
 3. D IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.
 4. USE THE CENTER OF THE WHEELBASE AS THE CG.

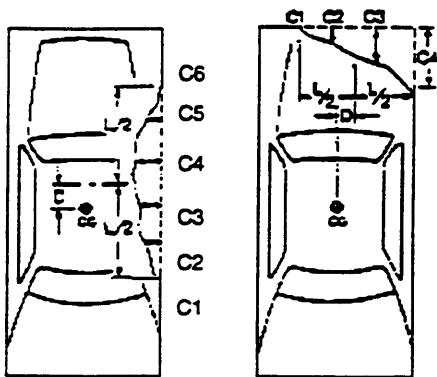
CASE VEHICLE
 LOCATOR

Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L
1	Front Bumper BC to BC	SAME

PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other Average
- (9) Unknown



DL _____
 UDL _____

CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

Specific Impact Number	Plane of Impact C-Measur.	Direct Damage		Field L	C ₁	C ₂	C ₃	C ₄	C ₅	C ₆	±D
		Length (DDL)	Max Crush								
1	1	139		139	16	6	0	0	6	19	0
	FREE SPACE				-8	-3	-1	-1	-3	-8	
	2		47		42	44	40	45	49	47	
	FREE SPACE		-16		-16	-22	-24	-24	-22	-16	
			31		26	22	16	21	27	31	
1	5	139	031	139	017	013	008	011	015	021	-000
13	14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 35	36 37 38	39 40 41	42 43 44 45
2											

Duplicate columns 1-8 from the previous card.

Module C R Format 0 4
 9 10 11 12

CRASH RECONSTRUCTION CR-4

- NOTES:**
1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.
 2. MEASURE C₁ TO C₆ FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.
 3. D IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.
 4. USE THE CENTER OF THE WHEELBASE AS THE CG.

OTHER VEHICLE

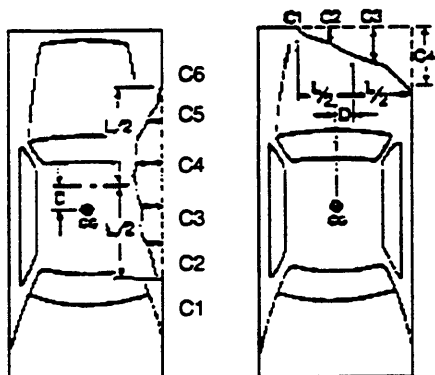
LOCATOR

Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L

PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other _____
- (9) Unknown



DL _____

UDL _____

CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

Specific Impact Number	Plane of Impact C-Measur.	Direct Damage		Field L	C ₁	C ₂	C ₃	C ₄	C ₅	C ₆	±D
		Length (DDL)	Max Crush								
1	9	999	999	999	999	999	999	999	999	999	+999
13	14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 35	36 37 38	39 40 41	42 43 44 45
2											

Duplicate columns 1-8
from the previous card.

Module W I Format 0 1
9 10 11 12

WHEELS AND TIRES

WT-1

WHEELS--DAMAGED

- (0) NO
- (1) YES
- (9) UNKNOWN

LF 0
13
RF 0
RR 0
LR 0
16

SIZE (NOT DOT CODE. IF UNKNOWN, USE 9'S)

LF P 1 9 5 6 5 R 1 5
25
RF _____
35
RR _____
45
LR _____
55

TIRE TREAD TYPE

- (1) REGULAR
- (2) SNOW
- (3) SLICKS
- (4) ALL WEATHER (MS)
- (7) OTHER: _____
- (9) UNKNOWN

LF 4
17
RF 4
RR 4
LR 4
20

CARCASS CONSTRUCTION

- (1) BIAS
- (2) BELTED BIAS
- (3) RADIAL
- (4) ELLIPTICAL
- (5) HI PRESSURE SPARE
- (6) SPACE SAVER SPARE
- (7) OTHER: _____
- (9) UNKNOWN

LF 3
21
RF 3
RR 3
LR 3
24

IF VEHICLE IS EQUIPPED WITH DUAL
WHEELS, COMPLETE FOR OUTER WHEELS
AND MAKE NOTES ON INNER WHEELS.

NOTES: _____

Duplicate columns 1-8 from the previous card.

Module F I Format 0 1
 9 10 11 12

FUEL AND FUEL TANKS FT-1

TYPE OF PROPULSIVE FUEL	<u>1</u> 13	AUXILIARY TANK TYPE	<u>8</u> 21
(1) GASOLINE (2) DIESEL OIL (3) LPG (4) ELECTRIC (7) OTHER: _____ (9) UNKNOWN		(1) OEM TANK (2) AFTER MARKET TANK (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN	
MAIN TANK LOCATION	<u>122</u> 14 16	AUXILIARY TANK LOCATION	<u>888</u> 22 24
MAIN FILLER CAP LOCATION	<u>133</u> 17 19	AUXILIARY FILLER CAP LOCATION	<u>888</u> 25 27
MAIN TANK MATERIAL	<u>1</u> 20	AUXILIARY TANK MATERIAL	<u>8</u> 28

TANK AND FILLER CAP LOCATION CODES

FIRST DIGIT (LONGITUDINAL)

- (1) BEHIND KICK-UP
- (2) IN KICK-UP
- (3) BETWEEN KICK-UP & COWL
- (4) FORWARD OF COWL
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

SECOND DIGIT (LATERAL)

- (1) LEFT OF FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) RIGHT OF FRAME
- (4) DUAL, RIGHT & LEFT TANKS
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

THIRD DIGIT (VERTICAL)

- (1) BELOW FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) ABOVE FRAME
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

TANK MATERIAL CODES

- (1) STEEL
- (2) ALUMINUM
- (3) PLASTIC
- (7) OTHER
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

Duplicate columns 1-8 from the previous card.

Module F 1 Format 0 1
9 10 11 12

FUEL LEAKAGE FL-1

DID FUEL LEAKAGE RESULT FROM A CRASH EVENT

(0) NO KNOWN LEAKAGE *SKIP PAGE.*

0
13

(1) YES *COMPLETE PAGE.*

LEAK NUMBER	I LEAKING COMPONENT	II COMPONENT SOURCE	III TYPE OF DAMAGE	IV SEVERITY OF DAMAGE	V LOCATION OF LEAK	EVENT NUMBER
#1	14 15	---	---	---	---	21
#2	22 23	---	---	---	---	29
#3	30 31	---	---	---	---	37
#4	38 39	---	---	---	---	45
#5	46 47	---	---	---	---	53

I LEAKING COMPONENT

TANK AREA

- (11) MAIN FUEL TANK (INCLUDING VAPOR RECOVERY DOME)
- (12) AUXILIARY FUEL TANK
- (13) MAIN TANK FILLER TUBE
- (14) MAIN TANK CAP (GAS CAP)
- (15) AUXILIARY TANK FILLER TUBE
- (16) AUXILIARY TANK CAP (GAS CAP)
- (19) TANK AREA, DETAILS UNKNOWN

DELIVERY SYSTEM

- (21) FUEL FEED LINE (MAIN TANK TO FUEL PUMP)
- (22) FUEL FEED LINE (AUXILIARY TANK TO FUEL PUMP)
- (23) FUEL RETURN LINE (FUEL PUMP TO TANK)
- (24) INLINE FUEL FILTER
- (25) FUEL LINE (PUMP TO CARBURETOR OR INJECTOR PUMP)
- (26) CARBURETOR TO INJECTOR PUMP
- (27) FUEL PUMP
- (29) DELIVERY SYSTEM, DETAILS UNKNOWN

EVAPORATIVE EMISSION CONTROL SYSTEM

- (31) ATMOSPHERIC VENT PIPE (NON-EEC EQUIPPED)
- (32) EEC PIPE (VAPOR CANISTER TO CARBURETOR)

EEC SYSTEM (CONTINUED)

- (33) VAPOR RECOVERY HOSES (CANISTER TO CARBURETOR)
- (34) LIQUID-VAPOR SEPARATOR (UNLESS PART OF TANK)
- (35) CANISTER
- (39) EEC SYSTEM, DETAILS UNKNOWN
- (49) ENGINE COMPARTMENT, COMPONENT UNKNOWN
- (99) COMPONENT UNKNOWN

II COMPONENT SOURCE

- (1) OEM
- (2) AFTER MARKET
- (9) UNKNOWN

III TYPE OF DAMAGE

- (1) DENTED/CRUSHED
- (2) PUNCTURED
- (3) RUPTURED
- (4) SEVERED/GROSS TEARS
- (5) DISCONNECTED/DEFEATED
- (9) UNKNOWN

IV SEVERITY OF DAMAGE

- (1) MINOR
- (2) MODERATE
- (3) SEVERE
- (4) DISCONNECTED/DEFEATED
- (9) UNKNOWN

V LOCATION OF LEAK

FIRST DIGIT (LONGITUDINAL LOCATION)

- (1) F, FORWARD OF COWL
- (2) P, BETWEEN COWL & REAR BULKHEAD
- (3) B, BEHIND REAR BULKHEAD
- (4) Y, F, & P
- (5) Z, P, & B
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

SECOND DIGIT (LATERAL LOCATION)

- (1) L, LEFT
- (2) C, CENTER
- (3) R, RIGHT
- (4) Y, LEFT CENTER (L & C)
- (5) Z, RIGHT CENTER (R & C)
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module F R Format 0 1
9 10 11 12

FIRE FR-1

WAS THERE FIRE IN OR ON CASE VEHICLE?

(0) NO *SKIP PAGE.*

0
13

(1) YES *COMPLETE PAGE.*

DID FIRE START IN CASE VEHICLE?

- (0) NO
- (1) YES
- (9) UNKNOWN

—
14

SEVERITY OF FIRE DAMAGE

- (1) MINOR
- (2) MODERATE
- (3) SEVERE
- (9) UNKNOWN

—
16

FLAME PROPOGATION RATE

- (1) RAPID/EXPLOSIVE
- (2) SLOW/MODERATE
- (9) UNKNOWN

—
15

**DID AN INJURY TO CASE
VEHICLE OCCUPANT RESULT FROM
FIRE IN OR ON CASE VEHICLE?**

- (0) NO
- (1) YES
- (9) UNKNOWN

—
17

PROVIDE NOTES IF FIRE OCCURRED.

EXTERIOR DAMAGE

ED-2

LEFT-SIDE BODY MOUNT

DID BODY MOUNT SEPARATE?

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

8
34

LEFT DOORS

HOW DID DOORS OPEN DURING COLLISION?

USE CODES:

(0) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION
- (2) DOOR-LATCH SEPARATION
- (3) LATCH-STRIKER SEPARATION
- (4) STRIKER-PILLAR SEPARATION
- (5) BODY DISTORTION
- (6) COMBINATION OF ABOVE
(CIRCLE EACH)
- (7) OPENED, REASON UNKNOWN

(8) NOT APPLICABLE (NO DOOR)

(9) UNKNOWN

LEFT PILLARS

PILLARS SEPARATED COMPLETELY -

USE CODES:

- (0) NO
- (1) YES
- (4) NO SEPARATION, BUT DAMAGED
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

-A-PILLAR, UPPER

0
35

LOWER

0
36

-B-PILLAR, UPPER

0
37

LOWER

0
38

-C-PILLAR, UPPER

0
39

LOWER

8
40

-D-PILLAR, UPPER

8
41

LOWER

8
42

-FRONT

0
43

-REAR

8
44

DOORS JAMMED CLOSED-

USE CODES:

- (0) NO
- (1) YES
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

-FRONT

0
45

-REAR

8
46

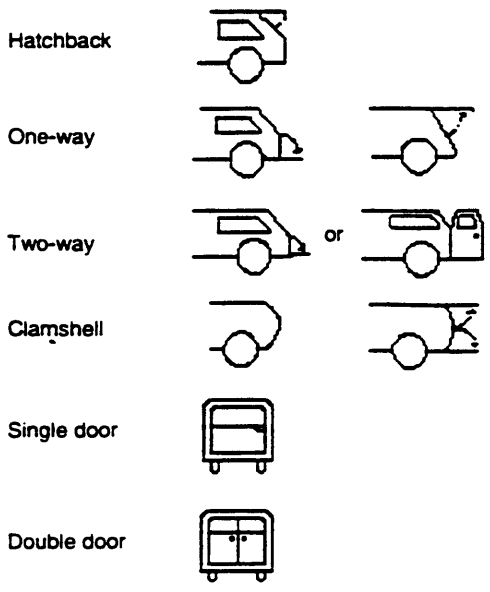
EXTERIOR DAMAGE

ED-3

REAR DOOR

REAR DOOR TYPE

- (0) NO DOOR (INCLUDES PICKUPS)
- (1) HATCHBACK
- (2) ONE-WAY TAILGATE
- (3) TWO-WAY TAILGATE
- (4) CLAMSHELL/DISAPPEARING TAILGATE
- (5) SINGLE DOOR
- (6) DOUBLE DOOR
- (9) UNKNOWN



HOW DID DOOR OPEN DURING COLLISION?

- (0) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION
- (2) DOOR-LATCH SEPARATION
- (3) LATCH-STRIKER SEPARATION
- (4) STRIKER-PILLAR SEPARATION
- (5) BODY DISTORTION
- (6) COMBINATION OF ABOVE (CIRCLE EACH)
- (7) OPENED, REASON UNKNOWN

- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

DOOR JAMMED CLOSED

- (0) NO
- (1) YES
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

0
47

8
48

8
49

OTHER REAR DAMAGE

WAS PARTITION TO LUGGAGE AREA DAMAGED DURING COLLISION?

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

0
50

SPARE TIRE

- (0) NO SPARE TIRE
- (1) NOT ATTACHED BEFORE COLLISION
- (2) ATTACHED, NOT SEPARATED IN COLLISION
- (3) ATTACHED, SEPARATED DUE TO COLLISION
- (8) NOT COLLECTED
- (9) UNKNOWN

8
51

TRAILER HITCH TYPE

- (0) NO HITCH

BALL-AND-SOCKET TYPES

- (1) TEMPORARY FRAMEWORK (E.G. RENTAL CLAMP-ON)
- (2) BUMPER-MOUNT ONLY (E.G. LIGHT TRUCK)
- (3) BUMPER-AND-FRAME (BUT NON-EQUALIZING)
- (4) LOAD EQUALIZING

OTHER TYPES

- (5) RING-AND-PINTLE
- (6) FIFTH-WHEEL (INCL. P/U)
- (7) OTHER (E.G. CLEVIS-AND-PIN)

- (8) EQUIPPED, TYPE UNKNOWN
- (9) UNKNOWN IF EQUIPPED

0
52

TRAILER TYPE (AT TIME OF COLLISION)

- (0) NO TRAILER
- (1) TRAVEL-TRAILER/CAMPER
- (2) MOBILE HOME
- (3) BOAT/SNOWMOBILE/ATV TRAILER
- (4) UTILITY TRAILER
- (5) TOWED CAR
- (7) OTHER: _____
- (8) TRAILER, TYPE UNKNOWN
- (9) UNKNOWN

0
53

EXTERIOR DAMAGE

ED-4

RIGHT-SIDE BODY MOUNT

DID BODY MOUNT SEPARATE?

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

8
54

RIGHT DOORS

HOW DID DOORS OPEN DURING COLLISION?

USE CODES:

(00) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (01) HINGE AREA SEPARATION
- (02) DOOR-LATCH SEPARATION
- (03) LATCH-STRIKER SEPARATION
- (04) STRIKER-PILLAR SEPARATION
- (05) BODY DISTORTION
- (06) COMBINATION OF ABOVE
(CIRCLE EACH)
- (07) OPENED, REASON UNKNOWN
- (11) VAN RIGHT-REAR DOOR OPENED
(ANY MECHANISM)

(98) NOT APPLICABLE (NO DOOR)

(99) UNKNOWN

RIGHT PILLARS

PILLARS SEPARATED COMPLETELY -

USE CODES:

- (0) NO
- (1) YES
- (4) NO SEPARATION, BUT DAMAGED
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

-A-PILLAR, UPPER

0
55

LOWER

0
56

-B-PILLAR, UPPER

0
57

LOWER

0
58

-C-PILLAR, UPPER

0
59

LOWER

8
60

-D-PILLAR, UPPER

0
61

LOWER

8
62

-FRONT

0 0
63 64

-REAR

7 8
65 66

DOORS JAMMED CLOSED-

USE CODES:

- (0) NO
- (1) YES
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

-FRONT

0
67

-REAR

0
68

VAN REAR DOOR TYPE

- (0) VAN, NO REAR DOOR
- (1) TRACK (SLIDING) - RIGHT SIDE
- (2) SINGLE-HINGED - RIGHT SIDE
- (3) DOUBLE-HINGED - RIGHT SIDE
- (4) TRACK (SLIDING) - RIGHT & LEFT SIDE
- (5) SINGLE-HINGED - RIGHT & LEFT SIDE
- (6) DOUBLE-HINGED - RIGHT & LEFT SIDE
- (7) TRACK AND HINGED COMBINATION
- (8) NOT APPLICABLE (NOT A VAN)
- (9) UNKNOWN

8
69

EXTERIOR DAMAGE ED-5

WINDSHIELD DAMAGE

WINDSHIELD CRACKED

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

WINDSHIELD BROKEN
(PLASTIC INTERLAYER TORN)

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

CRACKED OR BROKEN
BY OCCUPANT CONTACT

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

EXTENT OF BOND SEPARATION

- (0) NONE
- (1) 1 - 20%
- (2) 21 - 40
- (3) 41 - 60
- (4) 61 - 80
- (5) 81 - 99
- (6) TOTAL
- (7) SEPARATED, AMOUNT UNKNOWN
- (8) NOT APPLICABLE
- (9) UNKNOWN

0
70

8
71

8
72

0
73

WINDSHIELD MARK ON CASE VEHICLE:



WINDSHIELD CODE

- (97) DESCRIBED BUT NOT CODED
- (98) NOT APPLICABLE (NO WINDSHIELD)
- (99) UNKNOWN

DE
74 75

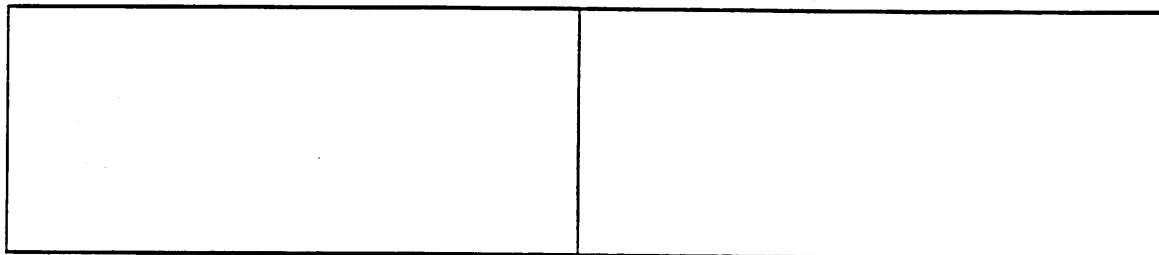
ROOF

DID T-ROOF/SUN ROOF OPEN
DURING COLLISION?

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
(NOT A T-ROOF OR SUN ROOF)
- (9) UNKNOWN

8
75

LOCATE AREA OF WINDSHIELD INTEREST OR DAMAGE WITH DIMENSIONS (VERTICAL & HORIZONTAL) ON THIS DIAGRAM OF THE WINDSHIELD AS VIEWED FROM INSIDE.



L

C

R

Duplicate columns 1-8 from the previous card.

Module S C Format 0 1
 9 10 11 12

STEERING WHEEL AND COLUMN SC-1

STEERING WHEEL

STEERING WHEEL RIM DAMAGE

- (0) NONE
- (1) DEFORMED SLIGHTLY
- (2) SEVERELY BENT
- (3) BROKEN
- (9) UNKNOWN

0
13

NUMBER OF STEERING WHEEL SPOKES

- (9) UNKNOWN

4
14

STEERING WHL SPOKE DAMAGE

- (0) NONE
- (1) DEFORMED SLIGHTLY
- (2) SEVERELY BENT
- (3) BROKEN
- (9) UNKNOWN

0
15

STEERING WHEEL POSITION AT TIME OF COLLISION

IN WHAT O'CLOCK POSITION WAS THE NORMAL TOP OF THE WHEEL POINTED WHEN THE COLLISION OCCURRED?

EXAMPLES

O'CLOCK = 12



(NORMAL STRAIGHT AHEAD)

O'CLOCK = 02



O'CLOCK = 12

(99) UNKNOWN

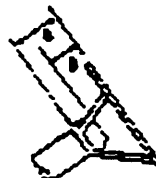
STEERING WHEEL ENERGY ABSORBING DEVICE

(1) **EXAMPLES:**



BARRACUDA, 70 - 74
 CHALLENGER, 70 - 74
 CAPRI, 71 - 77

(2) **EXAMPLES:**



OMNI, 78 -
 HORIZON, 78 -

STEERING COLUMN OPTIONS

TILT FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED, UNK POSITION
- (2) UP
- (3) MIDDLE
- (4) LOWER
- (9) UNKNOWN IF EQUIPPED

3
16

SWING-AWAY FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED
- (9) UNKNOWN IF EQUIPPED

0
17

TELESCOPING FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED
- (9) UNKNOWN IF EQUIPPED

0
18

TYPE OF DEVICE

- (0) NONE
- (1) CONVOLUTED OR MESH CYLINDER
- (2) DEEP DISH STEERING WHEEL
- (7) OTHER: _____
- (8) NOT COLLECTED
- (9) UNKNOWN IF EQUIPPED

8
19

ORIGINAL DIMENSION (mm)

A: _____

DAMAGE DIMENSION (mm)

B: _____

DIFFERENCE (mm)

A - B

- (888) NOT COLLECTED
- (991) NOT MEASURED/NO APPARENT COMPRESSION
- (992) COMPRESSED, AMOUNT UNKNOWN
- (993) DEVICE EXTENDED
- (997) UNABLE TO MEASURE
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

8 8 8
20 21 22

STEERING WHEEL AND COLUMN SC-2

STEERING COLUMN
ENERGY ABSORBING DEVICE

TYPE OF DEVICE * (IF 27 OR 28)

- (00) NOT EQUIPPED
- (88) NOT COLLECTED
- (99) UNKNOWN

$\frac{8}{23} \frac{8}{24}$

ORIGINAL LENGTH (mm)

C: _____

COMPRESSED LENGTH (mm)

D: _____

BRACKET DEFLECTION (IF CODE 36, 48,
OR 49 ABOVE)

OR

COMPRESSION (OR EXTRUSION) (mm)

C - D (OR E) (TOLERANCE: ± 10)

- (888) NOT COLLECTED
- (991) NOT MEASURED/NO APPARENT
COMPRESSION
- (992) COMPRESSED, AMOUNT UNKNOWN
- (993) DEVICE EXTENDED
- (997) UNABLE TO BE MEASURED
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

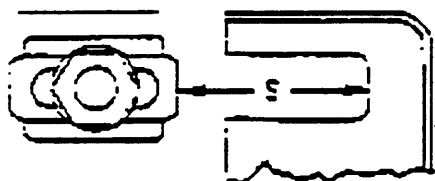
$\frac{8}{25} \frac{8}{27}$

* (ADD A & B FOR TOTAL COMPRESSION)

SHEAR CAPSULE SEPARATION (mm)

S (USE AVG. OF LEFT & RIGHT CAPSULES.)

LT:



RT:

- (888) NOT COLLECTED
- (991) NOT MEASURED/NO APPARENT
SEPARATION
- (992) SEPARATED, AMOUNT UNKNOWN
- (997) UNABLE TO BE MEASURED
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

$\frac{8}{28} \frac{8}{30}$

COLUMN VERTICAL ROTATION

- (0) NO APPARENT ROTATION
- (1) UPWARD APPARENT ROTATION
- (2) DOWNWARD APPARENT ROTATION
- (9) UNKNOWN

$\frac{0}{31}$

COLUMN LATERAL ROTATION

- (0) NO APPARENT ROTATION
- (1) LEFT APPARENT ROTATION
- (2) RIGHT APPARENT ROTATION
- (9) UNKNOWN

$\frac{0}{32}$

STEERING WHEEL (CONTINUED)

STEERING WHEEL HUB DAMAGE

- (0) NONE
- (1) OCCUPANT CONTACT
- (2) AIRBAG
- (3) OTHER _____
- (9) UNKNOWN

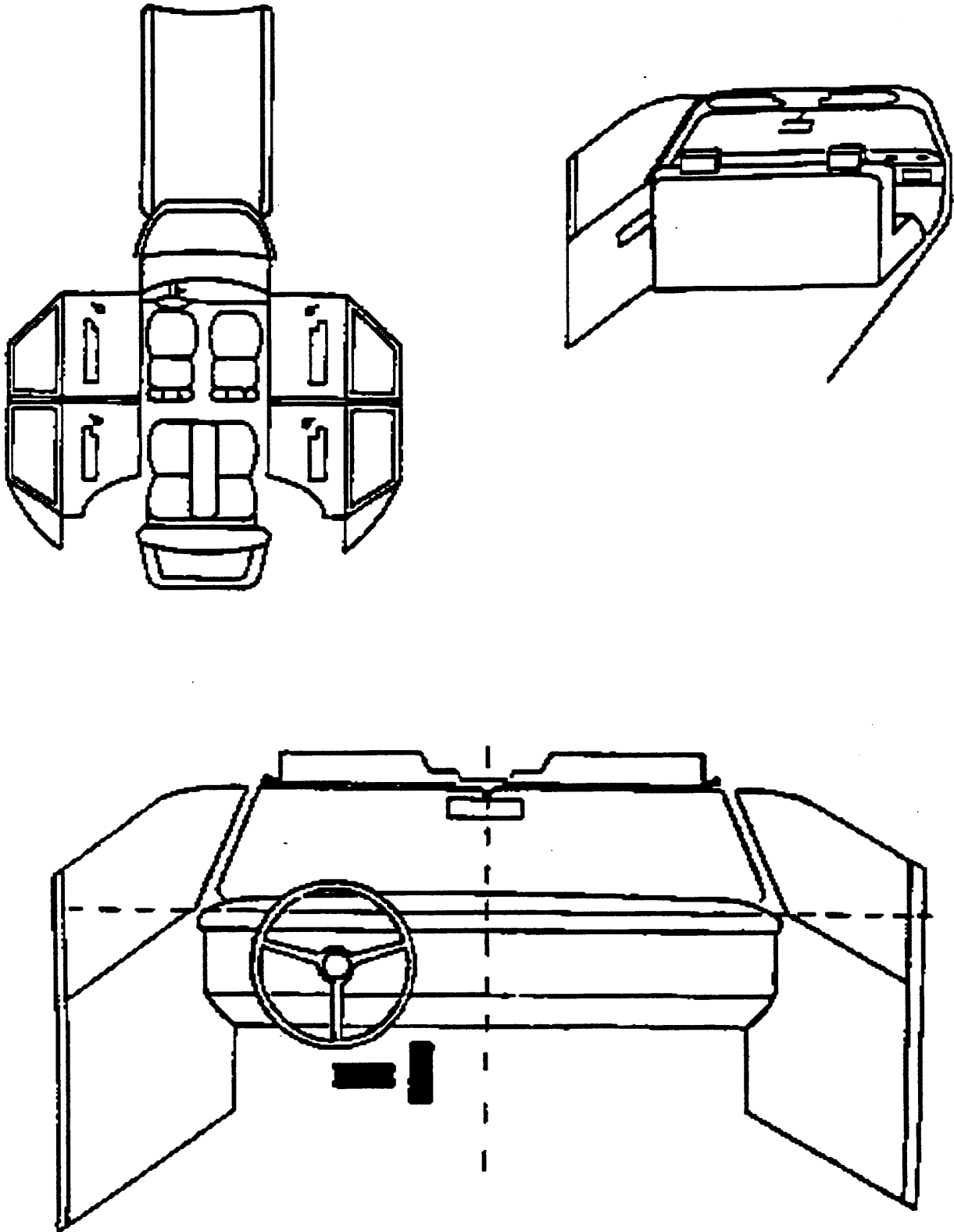
$\frac{0}{33}$

INTRUSION IT-1					
Location of Intrusion	Intruded Component	(All Measurements Are in Centimeters)			Dominant Crush Direction
		Comparison Value	Intruded Value	Intrusion	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	

OCCUPANT CONTACT WORKSHEET

Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A					
B					
C					
D					
E					
F					
G					
H					
I					
J					

VEHICLE OCCUPANT CONTACT DIAGRAM



INTRUSION IT-3

CODES FOR COLUMN B, OCCUPANT SPACE NUMBER

OCCUPANT SPACE NUMBER IS A TWO-DIGIT CODE. THE USE OF THE CODE IS DETERMINED BY THE VEHICLE SEAT CONFIGURATION AT THE TIME OF THE ACCIDENT.

FIRST DIGIT

THE FIRST DIGIT (LEFT DIGIT) DENOTES THE SEAT ROW, WITH CODE VALUES FROM 1 TO 5.

SECOND DIGIT

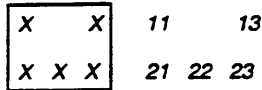
THE SECOND DIGIT (RIGHT DIGIT) DENOTES THE POSITION ON THE SEAT AND, IN SOME INSTANCES, THE WIDTH OF THE SEAT.

- (1) LEFT (3) RIGHT INDIVIDUAL SEAT
- (1) LEFT (2) CENTER (3) RIGHT BENCH: FULL WIDTH 3 PASSENGER
- (1) LEFT (2) LEFT CENTER (6) RIGHT CENTER (3) RIGHT BENCH: FULL WIDTH 4 PASSENGER
- (1) LEFT (2) CENTER (5) RIGHT & AISLE SPACE BENCH: PARTIAL WIDTH, LEFT AISLE SPACE
- (0) LEFT & SPACE (2) CENTER (5) RIGHT & SPACE BENCH: PARTIAL WIDTH, CENTERED
- (4) ENTIRE VEHICLE WIDTH CARGO AREA

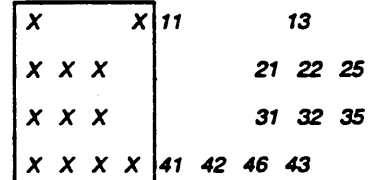
EXAMPLES

THE TWO FIGURES BELOW PROVIDE EXAMPLES OF THE OCCUPANT SPACE NUMBER.

**PASSENGER CAR
5 PASSENGERS**



**VAN
12 PASSENGER CAPACITY**



CODES FOR COLUMN F, MEASUREMENT AXIS

- (X) X-AXIS (FORE & AFT)
- (Y) Y-AXIS (LATERAL)
- (Z) Z-AXIS (VERTICAL)

CODES FOR COLUMNS G, H, I & J, OCCUPANT & INJURY NUMBERS

OCCUPANT NUMBER	INJURY NUMBER	CONTACT
(00)	(00)	NO CONTACT
(##)	(00)	CONTACT, NO INJURY
(97)	(99)	CONTACT, OCCUPANT UNKNOWN, INJURY UNKNOWN
(99)	(00) OR (99)	UNKNOWN IF CONTACT

INTRUSION IT-4

CODES FOR COLUMN C, INTRUDING COMPONENT OR OBJECT

NOTE: DO NOT CODE OBJECTS OTHER THAN COMPONENTS OF CASE VEHICLE.

INDIVIDUAL COMPONENT

INTERNAL

- (01) INSTRUMENT PANEL
- (02) FIRE WALL
- (03) TOE PAN
- (04) FLOOR PAN
- (05) STEERING COLUMN
- (06) WINDSHIELD
- (07) WINDSHIELD HEADER
- (08) A-PILLAR
- (09) DOOR PANEL OR SIDE PANEL
- (10) WINDOW FRAME
- (11) B-PILLAR
- (12) C-PILLAR
- (13) D-PILLAR
- (14) ROOF SIDE RAILS
- (15) ROOF OR CONVERTIBLE TOP
- (16) BACKLIGHT HEADER
- (17) FRONT SEAT-BACK SURFACE/
SEAT-BACK BACK SURFACE
- (18) SECOND SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (19) THIRD SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (20) FOURTH SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (21) FIFTH SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (22) BACK PANEL/BACK DOOR SURFACE
- (23) SEAT CUSHION SURFACE/EDGE
- (24) CONSOLE
- (25) OTHER (*DESCRIBE*)
- (26) UNKNOWN INTERNAL SURFACES
- (28) TRANSMISSION TUNNEL (HUMP)
- (29) SIDE FOOTWELL PANEL (KICKPANEL)
- (30) SILL

EXTERNAL

- (43) HOOD
- (44) OBJECT EXTERNAL TO PASSENGER
COMPARTMENT BUT PART
OF CASE VEHICLE
- (45) OUTSIDE SURFACE OF CASE VEHICLE
- (46) OTHER (*E.G. SPARE TIRE,
JACK. DESCRIBE.*)
- (49) UNKNOWN EXTERNAL OBJECT

GROUPED FOR MASSIVE INTRUSION INTO AN OCCUPANT SPACE

USE ONLY IF ALL THESE COMPONENTS
INTRUDED INTO A SINGLE OCCUPANT SPACE.

- (50) WINDSHIELD HEADER
A-PILLAR
ROOF SIDE RAIL
- (51) INSTRUMENT PANEL
A-PILLAR
DOOR PANEL
- (52) INSTRUMENT PANEL
A-PILLAR
WINDSHIELD HEADER
- (53) DOOR PANEL
B-PILLAR
ROOF RAIL
- (54) DOOR PANEL
A-PILLAR
ROOF RAIL
- (55) INSTRUMENT PANEL
FLOOR PAN
A-PILLAR
DOOR FRAME
- (56) ROOF RAIL
A-PILLAR
B-PILLAR
WINDOW FRAME
- (57) ROOF RAIL
A-PILLAR
B-PILLAR
C-PILLAR
DOOR PANEL
- (58) ROOF
ROOF RAIL
WINDOW FRAME
DOOR PANEL
- (59) BACKLIGHT HEADER
ROOF
C-PILLAR
THIRD SEAT-BACK
- (60) ROOF
ROOF RAIL
A-PILLAR
B-PILLAR
C-PILLAR
WINDOW FRAME
DOOR PANEL
FLOOR PAN
- (61) INSTRUMENT PANEL
TOE PAN
WINDSHIELD HEADER
A-PILLAR
ROOF RAIL
WINDOW FRAME
DOOR PANEL
ROOF
- (62) ROOF
ROOF RAIL
C-PILLAR
WINDOW FRAME
FLOOR PAN
SECOND SEAT
DOOR PANEL
- (63) ROOF RAIL
ROOF
B-PILLAR
WINDOW FRAME
FLOOR PAN
DOOR PANEL
SECOND SEAT
FRONT SEAT
- (64) ROOF RAIL
ROOF OR CONVERTIBLE TOP
A-PILLAR
B-PILLAR
WINDOW FRAME
WINDOW HEADER
- (65) WINDSHIELD
WINDSHIELD HEADER
ROOF SIDE RAIL
- (66) WINDSHIELD
WINDSHIELD HEADER
A-PILLAR
- (98) NOT APPLICABLE
- (99) UNKNOWN

INTRUSION IT-5

Duplicate columns 1-8 from the previous card. Module 1 1 Format 0 1
9 10 11 12

WAS THERE OCCUPANT COMPARTMENT INTRUSION? 0
13

WAS INTRUSION CATASTROPHIC?
14

- (0) NO DO NOT ANSWER NEXT QUESTION. SKIP PAGE.
- (1) YES ANSWER NEXT QUESTION.
- (9) UNKNOWN SKIP PAGE.

- (0) NO COMPLETE PAGE.
- (1) YES SKIP PAGE.

Duplicate columns 1-8 from the previous card. Module 1 1 Format 0 2
9 10 11 12

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.
CODES FOR B, F, G, H, I, J ON PAGE IT-3
CODES FOR C ON PAGE IT-4 **OCCUPANT CONTACT AND INJURY**

A	B	C	D	E	F	G	H	I	J	K
INTRUSION NUMBER	OCC. SPACE NO.	INTRUDING COMPONENT OR OBJECT	ASSOC. EVENT NO.	MAXIMUM INTRUSION X AXIS (cm)	MAXIMUM INTRUSION Y AXIS (cm)	MAXIMUM INTRUSION Z AXIS (cm)	OCCUPANT NUMBER	INJURY NUMBER	OCCUPANT NUMBER	INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
<u>0 1</u>	---	---	---	---	---	---	---	---	---	---
<u>0 2</u>	---	---	---	---	---	---	---	---	---	---
<u>0 3</u>	---	---	---	---	---	---	---	---	---	---
<u>0 4</u>	---	---	---	---	---	---	---	---	---	---
<u>0 5</u>	---	---	---	---	---	---	---	---	---	---
<u>0 6</u>	---	---	---	---	---	---	---	---	---	---
<u>0 7</u>	---	---	---	---	---	---	---	---	---	---

NOTE: USE ADDITIONAL PAGE IF MORE THAN 7 INTRUSIONS.

Duplicate columns 1-8 from the previous card. Module 1 1 Format 0 3
9 10 11 12

NOTE: IF NO SIDE DOOR INTRUSION, SKIP REMAINDER OF PAGE.

SIDE DOOR INTRUSION RESULTED FROM

INTRUSION NUMBER	CAUSE	CODES FOR CAUSE:
13	15	(1) DIRECT IMPACT
16	18	(2) INDUCED DAMAGE
19	21	(9) UNKNOWN

IF DAMAGE TO DOOR COMPONENT RESULTED IN INCREASED DOOR INTRUSION, CODE COMPONENT

INTRUSION NUMBER	DAMAGED COMPONENT 1	DAMAGED COMPONENT 2	CODES FOR COMPONENTS
A 22 23	---	25	(0) NONE
B 26 27	---	29	(1) A-PILLAR
C 30 31	---	33	(2) B-PILLAR
D 34 35	---	37	(3) C-PILLAR
			(4) LATCH/STRIKER
			(5) HINGES
			(7) OTHER: _____
			(8) NOT APPLICABLE
			(9) UNKNOWN

Duplicate columns 1-8 from the previous card. Module 1 1 Format 0 2
9 10 11 12

INTRUSION IT-6

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

- ADDITIONAL PAGE -

INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.
 CODES FOR B, F, G, H, I, J ON PAGE IT-3
 CODES FOR C ON PAGE IT-4 OCCUPANT CONTACT AND INJURY

A	B	C	D	E	F	G	H	I	J	K
INTRUSION NUMBER	OCC. SPACE NO.	INTRUDING COMPONENT OR OBJECT	ASSOC. EVENT NO.	MAXIMUM INTRUSION X AXIS (cm)	MAXIMUM INTRUSION Y AXIS (cm)	MAXIMUM INTRUSION Z AXIS (cm)	OCCUPANT NUMBER	INJURY NUMBER	OCCUPANT NUMBER	INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
<u>0 8</u>	---	---	---	---	---	---	---	---	---	---
<u>0 9</u>	---	---	---	---	---	---	---	---	---	---
<u>1 0</u>	---	---	---	---	---	---	---	---	---	---
<u>1 1</u>	---	---	---	---	---	---	---	---	---	---
<u>1 2</u>	---	---	---	---	---	---	---	---	---	---
<u>1 3</u>	---	---	---	---	---	---	---	---	---	---
<u>1 4</u>	---	---	---	---	---	---	---	---	---	---
<u>1 5</u>	---	---	---	---	---	---	---	---	---	---
<u>1 6</u>	---	---	---	---	---	---	---	---	---	---
<u>1 7</u>	---	---	---	---	---	---	---	---	---	---
<u>1 8</u>	---	---	---	---	---	---	---	---	---	---
<u>1 9</u>	---	---	---	---	---	---	---	---	---	---
<u>2 0</u>	---	---	---	---	---	---	---	---	---	---
<u>2 1</u>	---	---	---	---	---	---	---	---	---	---
<u>2 2</u>	---	---	---	---	---	---	---	---	---	---
<u>2 3</u>	---	---	---	---	---	---	---	---	---	---
<u>2 4</u>	---	---	---	---	---	---	---	---	---	---
<u>2 5</u>	---	---	---	---	---	---	---	---	---	---

Duplicate columns 1-8 from the previous card.		Module <u>1</u> <u>D</u> Format <u>0</u> <u>1</u> 9 10 11 12		INTERIOR DAMAGE		ID-1	
CODES: (0) NO (4) YES, and OCCUPANT CONTACT (1) YES (8) NOT APPLICABLE (3) NO, and OCCUPANT CONTACT (9) UNKNOWN							
	LEFT	RIGHT					
SIDES			FRONT		INSTRUMENT PANEL		
FRONT DOOR	0 13	0 14	FOOT CONTROLS	0 45	UPPER PANEL	1 55	
FRONT HARDWARE	0 15	0 16	IGNITION KEYS	0 46	MID PANEL	0 56	
FRONT ARMREST	0 17	0 18	REAR VIEW MIRROR	0 47	LOWER PANEL	0 57	
FRONT GLASS	0 19	0 20	SUNVISOR/FITTINGS	0 48	ASHTRAY	0 58	
REAR DOOR AREA	0 21	0 22	(5) LEFT SIDE ONLY (6) RIGHT SIDE ONLY (7) BOTH SIDES		CONTROL KNOBS & LEVERS	0 59	
REAR HARDWARE	0 23	0 24	WINDSHIELD TOP MOLDINGS	0 49	GLOVE COMPARTMENT AREA	0 60	
REAR ARMREST	0 25	0 26	LEFT A-PILLAR (UPPER OR LOWER)	0 50	INSTRUMENTS	0 61	
REAR GLASS	0 27	0 28	RIGHT A-PILLAR (UPPER OR LOWER)	0 51	PARKING BRAKE RELEASE	0 62	
ROOF SIDE RAIL	0 29	0 30	CENTER CONSOLE	0 52	PARKING BRAKE PEDAL	0 63	
B-PILLAR	0 31	0 32	TRANSMISSION SELECTOR LEVER	0 53	A/C OR UPPER VENT OUTLETS	0 64	
C-PILLAR	0 33	0 34	RIM, HORN, SPOKE	0 54	HEATER OR A/C DUCTS	0 65	
D-PILLAR	0 35	0 36			RADIO	0 66	
HEADLINING	0 37	0 38			OTHER: * _____	0 67	
ROOF STRUCTURE	0 39	0 40			_____		
T-ROOF/SUN ROOF	0 41	0 42					
OTHER: * _____	0 43	0 44					
					REAR		
					WINDOW	0 68	
					WINDOW HEADER	0 69	
					CONSOLES		
					VERTICAL	0 70	
					ROOF	0 71	

* MORE THAN ONE ITEM MAY BE NOTED.

Duplicate columns 1-8 from the previous card.

Module S J Format 0 2
 9 10 11 12

SEATS

ST-1

FRONT SEAT		DRIVER	PASSENR	FRONT SEAT-BACK		DRIVER	PASSENR
TYPE OF FRONT SEAT (00) NO SEAT (01) STANDARD BENCH (02) SPLIT BACK, 50-50 (03) SPLIT BACK, DRIVER WIDE (04) SPLIT BACK, PASS. WIDE (05) BUCKET (06) CAPTAIN'S CHAIR (07) INDIV. BENCH, 50-50 (08) INDIV. BENCH, DRIVER WIDE (09) INDIV. BENCH, PASS. WIDE (97) OTHER: _____ (99) UNKNOWN		<u>05</u> 13 14	<u>05</u> 15 16	SEAT-BACK TYPE (1) FORWARD FOLDING (2) RIGID (3) RECLINING (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 30	<u>1</u> 31
TYPE OF SEAT MOUNT (1) STANDARD (2) PEDESTAL (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 17	<u>1</u> 18	SEAT-BACK LOCK TYPE (0) NONE (1) MANUAL (2) INERTIA (3) POWER (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 32	<u>1</u> 33
SWIVEL MECHANISM EQUIPPED (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 19	<u>0</u> 20	LOCKS HELD (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 34	<u>1</u> 35
ORIGINAL EQUIPMENT SEATS (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 21	<u>1</u> 22	RECLINER MECHANISM HELD (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 36	<u>1</u> 37
CONTACT OF SEAT BY REAR OCCUPANT (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 23	<u>0</u> 24	HEAD RESTRAINT HEAD RESTRAINT TYPE (0) NONE (1) ADJUSTABLE (2) INTEGRAL (3) NOT INTEGRAL, BUT CANNOT BE REMOVED (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 38	<u>1</u> 39
FRONT SEAT DAMAGE (0) NONE (1) BACKREST ONLY DAMAGED (2) CUSHION ONLY DAMAGED (3) BACKREST & CUSHION DAMAGED (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 25	<u>0</u> 26	REMOVED PRE-CRASH (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 40	<u>0</u> 41
CENTER ARMREST DAMAGED (0) NO (1) YES (7) EQUIPPED, DAMAGE UNKNOWN (8) NOT APPLICABLE (NO CENTER ARMREST) (9) UNKNOWN IF EQUIPPED		<u>0</u> 27		ADJUSTMENT AT CRASH (1) UP (2) DOWN (8) NOT APPLICABLE (9) UNKNOWN		<u>2</u> 42	<u>2</u> 43
FRONT SEAT ROTATION (0) NONE APPARENT (1) FORWARD APPARENT (2) REARWARD APPARENT (3) LEFT APPARENT (4) RIGHT APPARENT (5) MULTIPLE ROTATIONS SPECIFY _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 28	<u>0</u> 29	HEAD RESTRAINT DAMAGE (0) NONE (1) DAMAGED BUT NOT SEPARATED (2) SEPARATED (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 44	<u>0</u> 45

SEATS ST-2

FRONT SEAT ADJUSTMENT		DRIVER	PASSENGR	SECOND SEAT (CONT.)	
SEAT ADJUSTMENT TYPE				CENTER ARMREST DAMAGED	
(0) NONE (RIGID) (1) MANUAL (2) POWER (7) OTHER: _____ (8) NOT APPLICABLE (NO SEAT) (9) UNKNOWN		<u>1</u> 46	<u>1</u> 47	<u>0</u> 60	
ADJUSTMENT PROVIDED		<u>1</u> 48	<u>1</u> 49	(0) NO (1) YES (7) EQUIPPED, DAMAGE UNKNOWN (8) NOT APPLICABLE (NO CENTER ARMREST) (9) UNKNOWN IF EQUIPPED	
(1) 2-WAY (2) 4-WAY (3) 6-WAY (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN				SECOND SEAT-BACK	
SEAT ADJUSTER DAMAGE		<u>0</u> 50	<u>0</u> 51	LEFT	
(0) NONE (1) CHUCKING (FREE PLAY) (2) DEFORMED (RELEASED/JAMMED) (3) SEPARATED (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN				RIGHT	
SEAT ADJUSTER SEPARATION		<u>8</u> 52	<u>8</u> 53	LOCKS	
(0) NONE (1) SEPARATED AT FLOOR (2) SEPARATION OF ADJUSTER (3) SEPARATED AT SEAT (8) NOT APPLICABLE (9) UNKNOWN				FOR THE FOLLOWING, USE:	
PRE-CRASH POSITION		<u>1</u> 54	<u>3</u> 55	(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	
(1) FORWARD (2) MIDDLE (3) REARWARD (8) NOT APPLICABLE (9) UNKNOWN				LEFT OR CENTER, EQUIPPED	
SECOND SEAT				LEFT OR CENTER, HELD	
TYPE OF SECOND SEAT				(3) SEAT FOLDED DOWN	
(0) NONE (1) NON-FOLDING (2) FOLDING (3) CAPTAIN'S CHAIR (4) JUMP SEAT (5) INTEGRAL CHILD SEAT (6) LUGGAGE AREA ACCESS PANEL (9) UNKNOWN				RIGHT, EQUIPPED	
SECOND SEAT DAMAGE				RIGHT, HELD	
(0) NONE (1) BACKREST ONLY (DAMAGED OR LOOSENED) (2) CUSHION ONLY (DAMAGED OR LOOSENED) (3) BACKREST & CUSHION (DAMAGED OR LOOSENED) (4) INTEGRAL CHILD SEAT (PRIORITY CODE) (5) LUGGAGE AREA ACCESS PANEL (DAMAGED OR LOOSENED) (8) NOT APPLICABLE (9) UNKNOWN				(3) SEAT FOLDED DOWN	
THIRD SEAT				EQUIPPED	
				BACKREST DAMAGED	
				CUSHION DAMAGED	
				(0) NOT EQUIPPED (OR REMOVED) (1) EQUIPPED (2) EQUIPPED & DAMAGED (8) NOT APPLICABLE (NO REAR SEAT) (9) UNKNOWN	
				(0) NOT EQUIPPED (OR REMOVED) (1) EQUIPPED (2) EQUIPPED & DAMAGED (8) NOT APPLICABLE (NO REAR SEAT) (9) UNKNOWN	
				Applies to any rear-seat position	

Duplicate columns 1-8 from the previous card.

Module A B Format 0 1
 9 10 11 12

AIRBAG AB-1

<p style="text-align: center;">DRIVER SIDE</p> <p>LOCATION OF AIRBAG STEERING WHEEL</p> <p>EQUIPPED</p> <p>(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>DEPLOYED</p> <p>(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p><u>1</u> 13</p> <p><u>1</u> 14</p>	<p style="text-align: center;">PASSENGER SIDE</p> <p>LOCATION OF AIRBAG INSTRUMENT PANEL (GLOVE BOX)</p> <p>EQUIPPED</p> <p>(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>DEPLOYED</p> <p>(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p><u>1</u> 16</p> <p><u>1</u> 17</p>
<p>CONDITION OF AIRBAG STEERING WHEEL</p> <p>(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION</p>	<p><u>0</u> 15</p>	<p>CONDITION OF AIRBAG INSTRUMENT PANEL (GLOVE BOX)</p> <p>(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION</p>	<p><u>0</u> 18</p>
<p style="text-align: center;">DRIVER SIDE</p> <p>AIRBAG STEERING WHEEL</p> <p>TETHER</p> <p>(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>MARKED BY CONTACT</p> <p>(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p><u>0</u> 19</p> <p><u>0</u> 20</p>	<p style="text-align: center;">PASSENGER SIDE</p> <p>AIRBAG INSTRUMENT PANEL (GLOVE BOX)</p> <p>TETHER</p> <p>(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>MARKED BY CONTACT</p> <p>(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p><u>1</u> 21</p> <p><u>0</u> 22</p>

AIRBAG AB-2

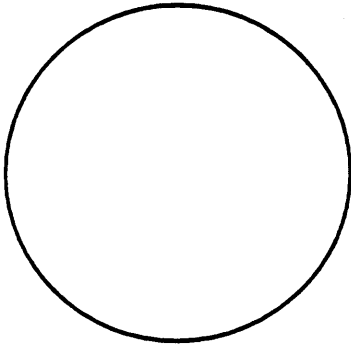
AIRBAG NUMBER ON DRIVER SIDE:



NOTE AND DESCRIBE ANY AIRBAG CONTACT OR DAMAGE ON DIAGRAM BELOW:

width = 48cm
tall = 60cm

flap
tall = 10cm
wide = 8.5cm



vent holes
@ 10 & 2

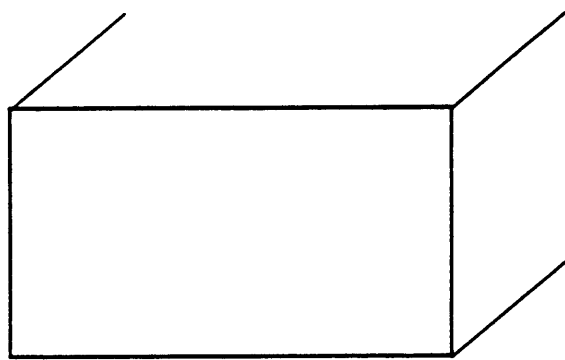
AIRBAG NUMBER ON PASSENGER SIDE:



NOTE AND DESCRIBE ANY AIRBAG CONTACT OR DAMAGE ON DIAGRAM BELOW:

No vent holes

width = 50cm
tall = 47cm



NOTE TO THE INVESTIGATOR:

THE FOLLOWING TWO SECTIONS,
OCCUPANT INFORMATION AND INJURY CLASSIFICATION,
ARE TO BE FILLED IN
FOR EACH CASE VEHICLE OCCUPANT,
WHETHER INJURED OR NOT.

IF THERE IS MORE THAN ONE OCCUPANT,
USE ADDITIONAL COPIES
OF PAGES OC-1, OC-2, OC-3,
AND IC-2 TO DESCRIBE THEM
AND ATTACH THE COPIES TO THIS REPORT.

Duplicate columns 1-8 from the previous card. Module <u>0</u> <u>C</u> Format <u>0</u> <u>2</u> <small>9 10 11 12</small> 		OCCUPANT INFORMATION OC-1	
OCCUPANT IDENTIFICATION OCCUPANT NUMBER <u>01</u> <small>13 14</small> ROLE OF OCCUPANT AT 1ST IMPACT (1) MOTOR VEHICLE DRIVER (2) MOTOR VEHICLE PASSENGER (NOT DRIVER) (9) UNKNOWN <u>1</u> <small>15</small>		PHYSICAL DESCRIPTION AGE IN YEARS <u>20</u> <small>20 21</small> (00) LESS THAN 1 YEAR (98) 98 YEARS OR OLDER (99) UNKNOWN AGE IN MONTHS <u>25</u> <small>22 23</small> (00) LESS THAN 1 MONTH (25) 25 MONTHS OR OLDER (99) UNKNOWN MASS (kg) <u>90 lb</u> <small>24 25 26</small> (999) UNKNOWN HEIGHT (cm) <u>5ft 4in</u> <small>27 28 29</small> (999) UNKNOWN SEX <u>2</u> <small>30</small> (1) MALE (2) FEMALE (9) UNKNOWN	
OCCUPANT POSITION ROW LOCATION <u>1</u> <small>16</small> (1) FRONT (2) SECOND (3) THIRD (4) FOURTH (7) OTHER: _____ (8) EXTERNAL TO PASSENGER COMPARTMENT (E.G. BED OF PICKUP) (9) UNKNOWN LATERAL LOCATION <u>1</u> <small>17</small> (1) LEFT (2) LEFT CENTER (3) CENTER (4) RIGHT CENTER (5) RIGHT (6) ALL (LYING ON SEAT) (8) EXTERNAL TO PASSENGER COMPARTMENT (9) UNKNOWN POSTURE <u>10</u> <small>18 19</small> (10) SITTING ON SEAT (11) SITTING ON SEAT IN ABNORMAL POSITION (E.G. FEET ON DASH, SIDEWAYS) (12) SITTING ON CONSOLE (20) ON LAP OR IN ARMS (30) STANDING ON SEAT (40) STANDING ON FLOOR (47) STANDING, EXTERNAL TO PASSENGER COMPARTMENT (50) IN BASSINET (60) IN CHILD SEAT (65) IN CHILD HARNESS (70) LYING ON SEAT (80) LYING/SITTING ON PASSENGER FLOOR (83) LYING/SITTING ON OTHER OBJECT IN PASSENGER COMPARTMENT: _____ (85) ON CARGO FLOOR/FOLDED SEAT-BACK (87) LYING/SITTING, EXTERNAL TO PASSENGER COMPARTMENT (97) OTHER: _____ (99) UNKNOWN		MEDICAL CONDITIONS TREATMENT/MORTALITY <u>00</u> <small>31 32</small> (00) NONE (01) FIRST AID AT SCENE (02) TREATED AT HOSPITAL/CLINIC BUT NOT ADMITTED (03) HOSPITALIZED FOR OBSERVATION LESS THAN 24 HOURS (04) HOSPITALIZED OVER 24 HOURS OR FOR SIGNIFICANT TREATMENT (05) FATAL, DEAD AT SCENE (06) FATAL, DOA (07) FATAL, DEAD WITHIN 24 HOURS (08) FATAL, DEAD 24 HOURS TO 31 DAYS LATER (09) FATAL, DEAD 31 DAYS TO 1 YEAR LATER (10) FATAL DEAD WITHIN UNKNOWN PERIOD (99) UNKNOWN INJURY SEVERITY SCORE (ISS) <u>01</u> <small>33 34</small> (99) UNKNOWN NON-IMPACT MED. CONDITIONS <u>0</u> <small>35</small> (0) NONE (1) YES, TIME & TYPE UNKNOWN (2) PRE-CRASH FATAL (CLINICAL DEATH AT WHEEL) (3) PRE-CRASH NON-FATAL (E.G. PRIOR INJURY, STROKE) (4) PREGNANT (5) POST-CRASH FATAL (DROWNING) (6) POST-CRASH NON-FATAL INJURY (7) OTHER: _____ (8) COMBINATION OF ABOVE (CIRCLE EACH) (9) UNKNOWN	

OCCUPANT INFORMATION OC-2

<p>MEDICAL CONDITIONS (CONT.)</p> <p>POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT</p> <p>(0) O - NO INJURY (1) C - POSSIBLE INJURY (2) B - NON-INCAPACITATING (3) A - INCAPACITATING INJURY (4) K - FATAL (5) INJURED, SEVERITY UNKNOWN (6) DIED PRIOR TO IMPACT (7) NON-FATAL INJURY, SEVERITY UNKNOWN (9) UNKNOWN</p>	<p><u>0</u> 36</p>	<p>CHILD SEAT TYPE</p> <p>(00) NONE USED (01) YES, USED (02) INTEGRAL, Chrysler Mini-van (88) NOT APPLICABLE (ADULT OR OLDER CHILD) (99) UNKNOWN</p> <p>CHILD SEAT MAKE/MODEL</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p><u>8 8</u> 41 42</p>
<p>RESTRAINT SYSTEM</p> <p>ACTIVE RESTRAINT SYSTEM</p> <p>(0) NONE (1) LAP BELT (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (9) UNKNOWN</p> <p>ACTIVE RESTRAINT SYSTEM USAGE</p> <p>(0) NONE (AVAILABLE BUT NOT USED) (1) LAP BELT ONLY (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (7) IMPROPER USAGE (8) NOT APPLICABLE (NONE AVAILABLE) (9) UNKNOWN</p> <p>PASSIVE RESTRAINT SYSTEM</p> <p>(0) NONE (1) AIRBAG INSTALLED (2) PASSIVE UPPER TORSO WITH KNEE BOLSTERS (3) PASSIVE UPPER TORSO WITHOUT KNEE BOLSTERS (4) PASSIVE LAP & UPPER TORSO (5) AIRBAG INSTALLED & PASSIVE RESTRAINT (7) OTHER: _____ (9) UNKNOWN</p> <p>PASSIVE RESTRAINT SYSTEM USAGE</p> <p>(0) SYSTEM DEFEATED (1) AIRBAG NOT DEPLOYED (2) AIRBAG DEPLOYED (3) AIRBAG NOT REINSTALLED (4) PASSIVE UPPER TORSO USED (5) PASSIVE LAP & UPPER TORSO USED (6) SYSTEM USED IN MANUAL MODE (7) IMPROPER USAGE (8) NOT APPLICABLE (NOT ORIGINALLY EQUIPPED) (9) UNKNOWN</p>	<p><u>3</u> 37</p> <p><u>0</u> 38</p> <p><u>1</u> 39</p> <p><u>2</u> 40</p>	<p>EJECTION</p> <p>DEGREE OF EJECTION</p> <p>(0) NONE (1) PARTIAL (2) COMPLETE (7) EJECTED, DEGREE UNKNOWN (9) UNKNOWN IF EJECTED</p> <p>AREA OF EJECTION</p> <p>(01) WINDOW, LEFT SIDE (02) WINDOW, RIGHT SIDE (03) WINDOW, REAR (04) DOOR, LEFT SIDE (05) DOOR, RIGHT SIDE (06) DOOR, REAR OR TAILGATE (07) WINDSHIELD (08) ROOF OR OPEN CONVERTIBLE OR FROM EXTERNAL AREA (96) EJECTED AREA UNKNOWN (97) OTHER AREA: _____ (98) NOT APPLICABLE (NOT EJECTED) (99) UNKNOWN IF EJECTED</p> <p>IF OCCUPANT WAS EJECTED, DESCRIBE IN DETAIL BELOW:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p><u>0</u> 43</p> <p><u>9 8</u> 44 45</p>
		<p>HEAD RESTRAINT</p> <p>HEAD RESTRAINT AVAILABLE FOR THIS POSITION</p> <p>(0) NOT EQUIPPED OR REMOVED (1) EQUIPPED (9) UNKNOWN</p>	<p><u>1</u> 46</p>

OCCUPANT INFORMATION OC-3

OCCUPANT EYEWEAR

- (0) NONE
- (1) GLASSES
- (2) CONTACTS
- (3) BOTH GLASSES AND CONTACTS
- (4) OTHER _____
- (8) NOT APPLICABLE
- (9) UNKNOWN

0
47

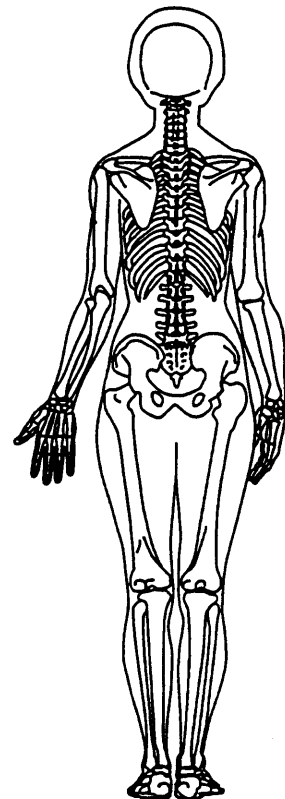
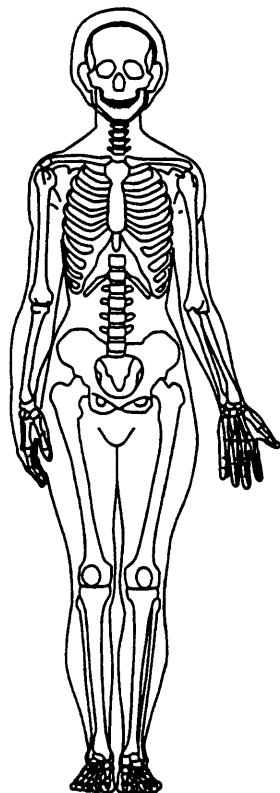
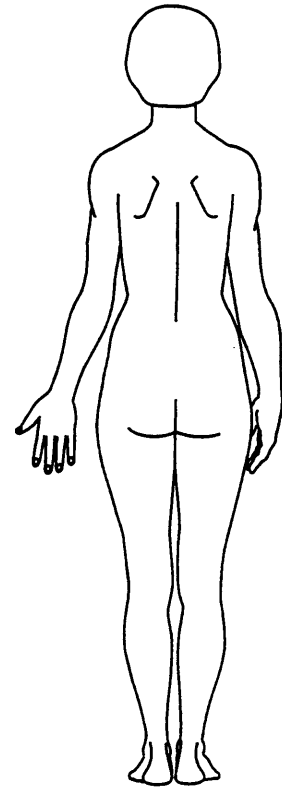
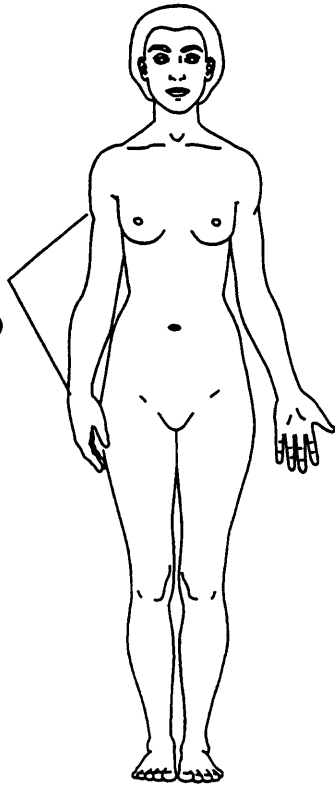
SOURCE OF INFORMATION

- (0) INTERVIEW ✓
- (1) HOSPITAL
- (2) AUTOPSY
- (3) POLICE
- (4) OTHER _____
- (5) LAY CORONER/EXTERNAL EXAM
- (7) COMBINATION OF ABOVE (CIRCLE)
- (8) NOT APPLICABLE
- (9) UNKNOWN

0
48

OCCUPANT INFORMATION OC-4

**Strain and
swollen
right arm,
from wrist to
shoulder
(1)**



INJURY CLASSIFICATION IC-2

CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (12) WINDSHIELD
- (05) INSTRUMENT PANEL (SPECIFIC AREA UNKNOWN)
- (54) UPPER INSTRUMENT PANEL (X)
- (55) MIDDLE INSTRUMENT PANEL (Y)
- (56) LOWER INSTRUMENT PANEL (Z)
- (81) ASH TRAY (INSTRUMENT PANEL)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (09) STEERING ASSEMBLY (SPECIFIC AREA UNKNOWN)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN
- (03) HARDWARE ITEM (SPECIFIC AREA UNKNOWN)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (FRONT)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (BUILT IN)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (LOCATION UNK.)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (LOCATION UNKNOWN)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM
- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (AIRBAG)
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (FROM ANY SOURCE)
- (41) UNKNOWN INTERIOR SURFACE

SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK
- (22) WINDOW GLASS (SIDE)
- (21) WINDOW FRAMES (SIDE)
- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (91) KICKPANEL

ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (SPECIFIC AREA UNKNOWN)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (E.G. OUTSIDE MIRRORS, ANTENNA, TRIM)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (SPECIFIC AREA UNK.)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (E.G. OUTSIDE MIRRORS, ANTENNA, TRIM)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.)

PENETRATING OBJECTS

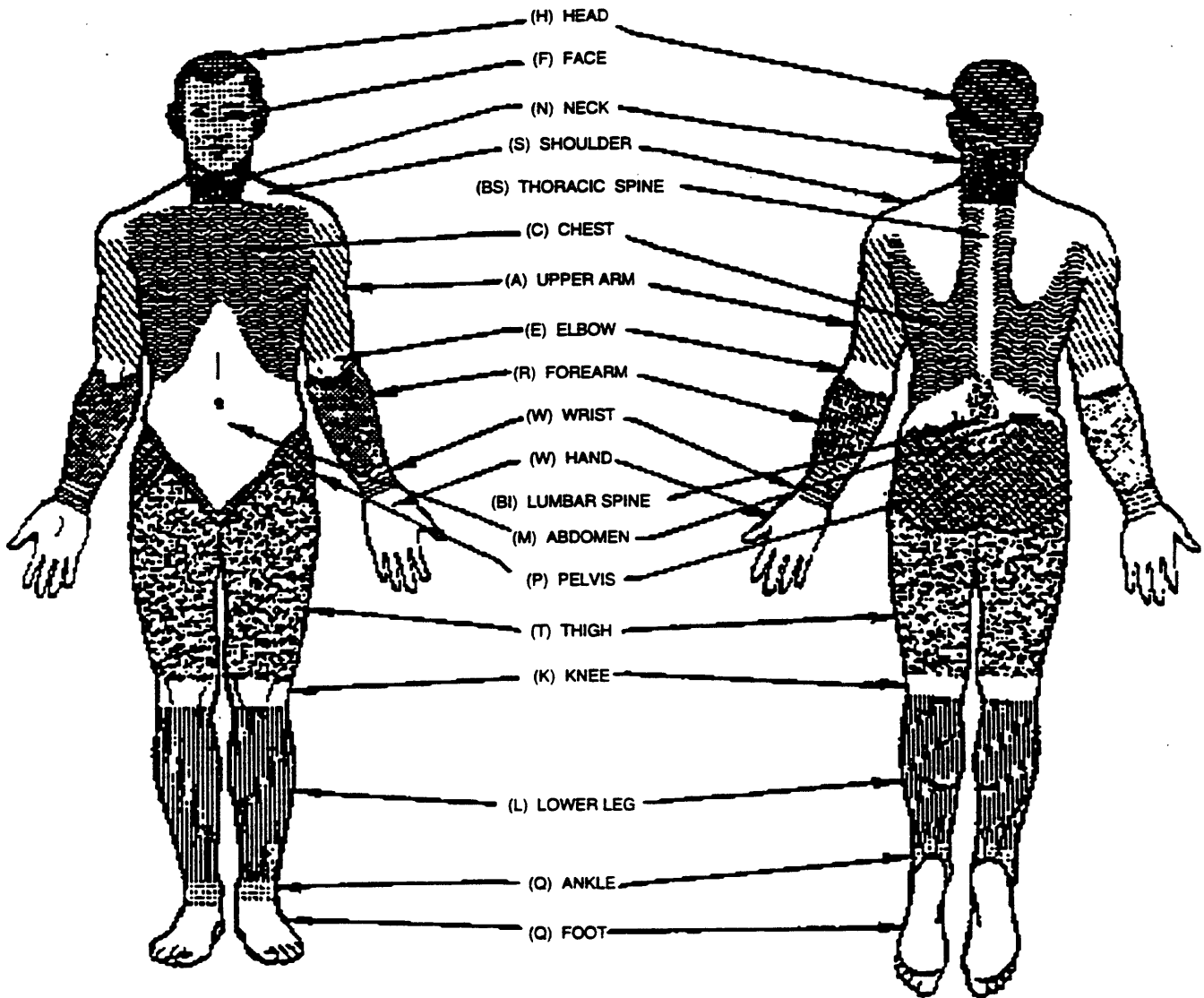
- (61) OTHER VEHICLE
- (72) OBJECTS (DESCRIBE)

MISCELLANEOUS

- (00) NO CONTACT (INVALID FIELD FORM CODE)
- (38) OTHER (E.G. FIRE. DESCRIBE)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

INJURY CLASSIFICATION IC-3

THE FIGURE BELOW
IS AN EXPLANATION OF THE BODY REGION CODES
LISTED ON PAGE IC - 4.



INJURY CLASSIFICATION IC-4

CODES FOR OCCUPANT INJURY CLASSIFICATION (OIC)

1 BODY REGION

- (H) HEAD/SKULL
- (F) FACE
- (N) NECK
- (S) SHOULDER
- (X) UPPER EXTREMITIES
 - (A) ARM (*UPPER*)
 - (E) ELBOW
 - (R) FOREARM
 - (W) WRIST/HAND
- (C) CHEST
- (M) ABDOMEN
- (B) BACK
- (P) PELVIC/HIP
- (Y) LOWER EXTREMITIES
 - (T) THIGH
 - (K) KNEE
 - (L) LEG (*LOWER*)
 - (Q) ANKLE/FOOT
- (O) WHOLE BODY
- (U) UNKNOWN

3 LESION

- (L) LACERATION
- (C) CONTUSION
- (A) ABRASION
- (F) FRACTURE
- (P) PERFORATION, PUNCTURE
- (K) CONCUSSION
- (V) AVULSION
- (R) RUPTURE
- (S) SPRAIN
- (D) DISLOCATION
- (N) CRUSH
- (M) AMPUTATION
- (B) BURN
- (G) DETACHMENT, SEPARATION
- (Z) FRACTURE AND DISLOCATION
- (T) STRAIN
- (E) TOTAL SEVERANCE, TRANSECTION
- (O) OTHER
- (U) UNKNOWN

4 SYSTEM/ORGAN

- (S) SKELETAL
- (V) VERTEBRAE
- (J) JOINTS
- (D) DIGESTIVE
- (L) LIVER
- (N) NERVOUS SYSTEM
- (B) BRAIN
- (C) SPINAL CORD
- (E) EARS
- (O) EYES
- (A) ARTERIES
- (H) HEART
- (Q) SPLEEN
- (G) UROGENITAL
- (K) KIDNEYS
- (R) RESPIRATORY
- (P) PULMONARY/LUNGS
- (M) MUSCLES
- (T) THYROID, OTHER ENDOCRINE GLAND
- (I) INTEGUMENTARY (*SKIN*)
- (W) ALL SYSTEMS IN REGION
- (U) UNKNOWN

2 ASPECT

- (R) RIGHT
- (L) LEFT
- (B) BILATERAL
- (C) CENTRAL
- (A) ANTERIOR/FRONT
- (P) POSTERIOR/BACK
- (S) SUPERIOR/UPPER
- (I) INFERIOR/LOWER
- (W) WHOLE REGION
- (U) UNKNOWN

BODY REGION	ASPECT	LESION	SYSTEM/ORGAN	SEVERITY
1	2	3	4	5

5 SEVERITY (OR "AIS", ABBREVIATED INJURY SCALE)

- (0) NONE
- (1) MINOR
- (2) MODERATE
- (3) SERIOUS
- (4) SEVERE
- (5) CRITICAL
- (6) MAXIMUM
- (9) UNKNOWN

Duplicate columns 1-8 from the previous card. Module 0 C Format 0 2
9 10 11 12

OCCUPANT INFORMATION OC-1

<p>OCCUPANT IDENTIFICATION</p> <p>OCCUPANT NUMBER <u>02</u> <small>13 14</small></p> <p>ROLE OF OCCUPANT AT 1ST IMPACT <u>2</u> <small>15</small></p> <p>(1) MOTOR VEHICLE DRIVER (2) MOTOR VEHICLE PASSENGER (NOT DRIVER) (9) UNKNOWN</p>		<p>PHYSICAL DESCRIPTION</p> <p>AGE IN YEARS <u>25</u> <small>20 21</small> (00) LESS THAN 1 YEAR (98) 98 YEARS OR OLDER (99) UNKNOWN</p> <p>AGE IN MONTHS <u>25</u> <small>22 23</small> (00) LESS THAN 1 MONTH (25) 25 MONTHS OR OLDER (99) UNKNOWN</p> <p>MASS (kg) <u>100</u> <small>24 25 26</small> (999) UNKNOWN (220 lb)</p> <p>HEIGHT (cm) <u>193</u> <small>27 28 29</small> (999) UNKNOWN (6 ft 4 in)</p> <p>SEX <u>1</u> <small>30</small> (1) MALE (2) FEMALE (9) UNKNOWN</p>	
<p>OCCUPANT POSITION</p> <p>ROW LOCATION <u>1</u> <small>16</small></p> <p>(1) FRONT (2) SECOND (3) THIRD (4) FOURTH (7) OTHER: _____ (8) EXTERNAL TO PASSENGER COMPARTMENT (E.G. BED OF PICKUP) (9) UNKNOWN</p> <p>LATERAL LOCATION <u>5</u> <small>17</small></p> <p>(1) LEFT (2) LEFT CENTER (3) CENTER (4) RIGHT CENTER (5) RIGHT (6) ALL (LYING ON SEAT) (8) EXTERNAL TO PASSENGER COMPARTMENT (9) UNKNOWN</p> <p>POSTURE <u>10</u> <small>18 19</small></p> <p>(10) SITTING ON SEAT (11) SITTING ON SEAT IN ABNORMAL POSITION (E.G. FEET ON DASH, SIDEWAYS) (12) SITTING ON CONSOLE (20) ON LAP OR IN ARMS (30) STANDING ON SEAT (40) STANDING ON FLOOR (47) STANDING, EXTERNAL TO PASSENGER COMPARTMENT (50) IN BASSINET (60) IN CHILD SEAT (65) IN CHILD HARNESS (70) LYING ON SEAT (80) LYING/SITTING ON PASSENGER FLOOR (83) LYING/SITTING ON OTHER OBJECT IN PASSENGER COMPARTMENT: _____ (85) ON CARGO FLOOR/FOLDED SEAT-BACK (87) LYING/SITTING, EXTERNAL TO PASSENGER COMPARTMENT (97) OTHER: _____ (99) UNKNOWN</p>		<p>MEDICAL CONDITIONS</p> <p>TREATMENT/MORTALITY <u>00</u> <small>31 32</small> (00) NONE (01) FIRST AID AT SCENE (02) TREATED AT HOSPITAL/CLINIC BUT NOT ADMITTED (03) HOSPITALIZED FOR OBSERVATION LESS THAN 24 HOURS (04) HOSPITALIZED OVER 24 HOURS OR FOR SIGNIFICANT TREATMENT (05) FATAL, DEAD AT SCENE (06) FATAL, DOA (07) FATAL, DEAD WITHIN 24 HOURS (08) FATAL, DEAD 24 HOURS TO 31 DAYS LATER (09) FATAL, DEAD 31 DAYS TO 1 YEAR LATER (10) FATAL DEAD WITHIN UNKNOWN PERIOD (99) UNKNOWN</p> <p>INJURY SEVERITY SCORE (ISS) <u>00</u> <small>33 34</small> (99) UNKNOWN</p> <p>NON-IMPACT MED. CONDITIONS <u>0</u> <small>35</small> (0) NONE (1) YES, TIME & TYPE UNKNOWN (2) PRE-CRASH FATAL (CLINICAL DEATH AT WHEEL) (3) PRE-CRASH NON-FATAL (E.G. PRIOR INJURY, STROKE) (4) PREGNANT (5) POST-CRASH FATAL (DROWNING) (6) POST-CRASH NON-FATAL INJURY (7) OTHER: _____ (8) COMBINATION OF ABOVE (CIRCLE EACH) (9) UNKNOWN</p>	

OCCUPANT INFORMATION OC-2

MEDICAL CONDITIONS (CONT.)

POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT

- (0) O - NO INJURY
- (1) C - POSSIBLE INJURY
- (2) B - NON-INCAPACITATING
- (3) A - INCAPACITATING INJURY
- (4) K - FATAL
- (5) INJURED, SEVERITY UNKNOWN
- (6) DIED PRIOR TO IMPACT
- (7) NON-FATAL INJURY, SEVERITY UNKNOWN
- (9) UNKNOWN

0
36

CHILD SEAT TYPE

- (00) NONE USED
- (01) YES, USED
- (02) INTEGRAL, Chrysler Mini-van
- (88) NOT APPLICABLE (ADULT OR OLDER CHILD)
- (99) UNKNOWN

88
41 42

CHILD SEAT MAKE/MODEL

RESTRAINT SYSTEM

ACTIVE RESTRAINT SYSTEM

- (0) NONE
- (1) LAP BELT
- (2) SHOULDER HARNESS ONLY
- (3) BOTH LAP BELT & SHOULDER HARNESS
- (9) UNKNOWN

3
37

ACTIVE RESTRAINT SYSTEM USAGE

- (0) NONE (AVAILABLE BUT NOT USED)
- (1) LAP BELT ONLY
- (2) SHOULDER HARNESS ONLY
- (3) BOTH LAP BELT & SHOULDER HARNESS
- (7) IMPROPER USAGE
- (8) NOT APPLICABLE (NONE AVAILABLE)
- (9) UNKNOWN

3
38

PASSIVE RESTRAINT SYSTEM

- (0) NONE
- (1) AIRBAG INSTALLED
- (2) PASSIVE UPPER TORSO WITH KNEE BOLSTERS
- (3) PASSIVE UPPER TORSO WITHOUT KNEE BOLSTERS
- (4) PASSIVE LAP & UPPER TORSO
- (5) AIRBAG INSTALLED & PASSIVE RESTRAINT
- (7) OTHER: _____
- (9) UNKNOWN

0
39

PASSIVE RESTRAINT SYSTEM USAGE

- (0) SYSTEM DEFEATED
- (1) AIRBAG NOT DEPLOYED
- (2) AIRBAG DEPLOYED
- (3) AIRBAG NOT REINSTALLED
- (4) PASSIVE UPPER TORSO USED
- (5) PASSIVE LAP & UPPER TORSO USED
- (6) SYSTEM USED IN MANUAL MODE
- (7) IMPROPER USAGE
- (8) NOT APPLICABLE (NOT ORIGINALLY EQUIPPED)
- (9) UNKNOWN

2
40

EJECTION

DEGREE OF EJECTION

- (0) NONE
- (1) PARTIAL
- (2) COMPLETE
- (7) EJECTED, DEGREE UNKNOWN
- (9) UNKNOWN IF EJECTED

0
43

AREA OF EJECTION

- (01) WINDOW, LEFT SIDE
- (02) WINDOW, RIGHT SIDE
- (03) WINDOW, REAR
- (04) DOOR, LEFT SIDE
- (05) DOOR, RIGHT SIDE
- (06) DOOR, REAR OR TAILGATE
- (07) WINDSHIELD
- (08) ROOF OR OPEN CONVERTIBLE OR FROM EXTERNAL AREA
- (96) EJECTED AREA UNKNOWN
- (97) OTHER AREA: _____
- (98) NOT APPLICABLE (NOT EJECTED)
- (99) UNKNOWN IF EJECTED

98
44 45

IF OCCUPANT WAS EJECTED, DESCRIBE IN DETAIL BELOW:

HEAD RESTRAINT

HEAD RESTRAINT AVAILABLE FOR THIS POSITION

- (0) NOT EQUIPPED OR REMOVED
- (1) EQUIPPED
- (9) UNKNOWN

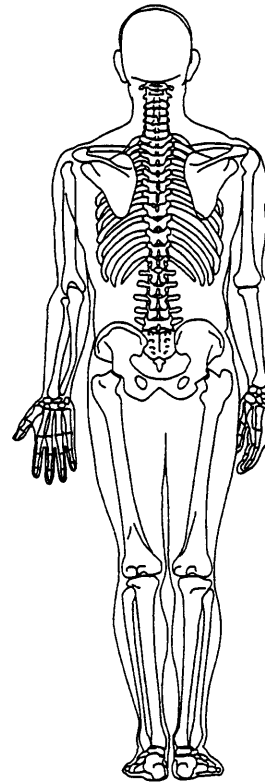
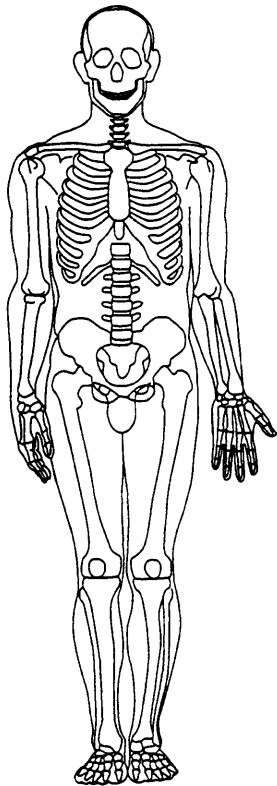
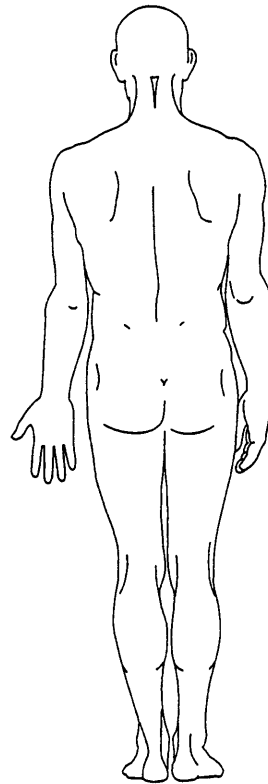
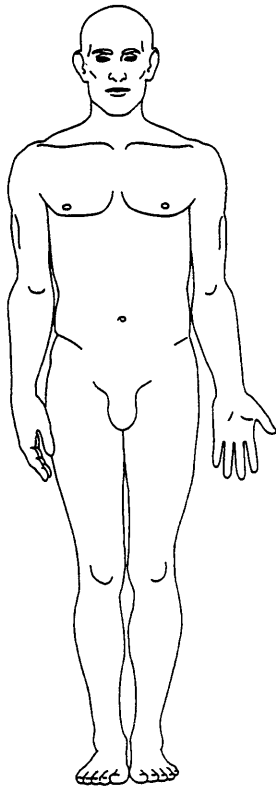
1
46

OCCUPANT INFORMATION OC-3

OCCUPANT EYEWEAR		SOURCE OF INFORMATION	
(0) NONE (1) GLASSES (2) CONTACTS (3) BOTH GLASSES AND CONTACTS (4) OTHER _____ (8) NOT APPLICABLE (9) UNKNOWN	<u>0</u> 47	(0) INTERVIEW (1) HOSPITAL (2) AUTOPSY (3) POLICE (4) OTHER _____ (5) LAY CORONER/EXTERNAL EXAM (7) COMBINATION OF ABOVE (CIRCLE) (8) NOT APPLICABLE (9) UNKNOWN	<u>0</u> 48

OCCUPANT INFORMATION OC-4

No Injury



NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

OCCUPANT INJURY CLASSIFICATION

					PRIMARY OIC					ASSOCIATED OIC					COMMENTS
OCCUPANT NUMBER	INJURY NUMBER	PLACE CONTACTS IN ORDER OF PROBABILITY (HORIZONTALLY). START WITH MOST PROBABLE IN 1ST CONTACT AREA COLUMN.		AREA(S) OF POSSIBLE CONTACT 1ST 2ND	BODY REGION 1	ASPECT 2	LESION 3	SYSTEMORGAN 4	SEVERITY 5	BODY REGION 1	ASPECT 2	LESION 3	SYSTEMORGAN 4	SEVERITY 5	
		17-18	19-20												
13-14	15-16	17-18	19-20	COMMENTS	21	22	23	24	25	26	27	28	29	30	
02	---	---	---												
<p style="font-size: 2em; opacity: 0.5;">No Injury</p>															

NOTE: USE ADDITIONAL PAGES IF NECESSARY.

INJURY CLASSIFICATION IC-2

CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (12) WINDSHIELD
- (05) INSTRUMENT PANEL (*SPECIFIC AREA UNKNOWN*)
- (54) UPPER INSTRUMENT PANEL (X)
- (55) MIDDLE INSTRUMENT PANEL (Y)
- (56) LOWER INSTRUMENT PANEL (Z)
- (81) ASH TRAY (*INSTRUMENT PANEL*)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (09) STEERING ASSEMBLY (*SPECIFIC AREA UNKNOWN*)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN
- (03) HARDWARE ITEM (*SPECIFIC AREA UNKNOWN*)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (*FRONT*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (*BUILT IN*)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (*LOCATION UNK.*)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (*LOCATION UNKNOWN*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM
- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (*AIRBAG*)
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (*FROM ANY SOURCE*)
- (41) UNKNOWN INTERIOR SURFACE

SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK
- (22) WINDOW GLASS (*SIDE*)
- (21) WINDOW FRAMES (*SIDE*)
- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (91) KICKPANEL

ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (*SPECIFIC AREA UNKNOWN*)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (*SPECIFIC AREA UNK.*)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (*NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.*)

PENETRATING OBJECTS

- (61) OTHER VEHICLE
- (72) OBJECTS (*DESCRIBE*)

MISCELLANEOUS

- (00) NO CONTACT (*INVALID FIELD FORM CODE*)
- (38) OTHER (*E.G. FIRE. DESCRIBE*)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

Duplicate columns 1-8 from the previous card. Module 0 C Format 0 2
9 10 11 12

OCCUPANT INFORMATION OC-1

<p>OCCUPANT IDENTIFICATION</p> <p>OCCUPANT NUMBER <u>03</u> <small>13 14</small></p> <p>ROLE OF OCCUPANT AT 1ST IMPACT <u>2</u> <small>15</small></p> <p>(1) MOTOR VEHICLE DRIVER (2) MOTOR VEHICLE PASSENGER (NOT DRIVER) (9) UNKNOWN</p>		<p>PHYSICAL DESCRIPTION</p> <p>AGE IN YEARS <u>18</u> <small>20 21</small> (00) LESS THAN 1 YEAR (98) 98 YEARS OR OLDER (99) UNKNOWN</p> <p>AGE IN MONTHS <u>25</u> <small>22 23</small> (00) LESS THAN 1 MONTH (25) 25 MONTHS OR OLDER (99) UNKNOWN</p> <p>MASS (kg) <u>054</u> <small>24 25 26</small> (999) UNKNOWN (120 lb)</p> <p>HEIGHT (cm) <u>163</u> <small>27 28 29</small> (999) UNKNOWN (5ft 4in)</p> <p>SEX <u>2</u> <small>30</small> (1) MALE (2) FEMALE (9) UNKNOWN</p>
<p>OCCUPANT POSITION</p> <p>ROW LOCATION <u>2</u> <small>16</small></p> <p>(1) FRONT (2) SECOND (3) THIRD (4) FOURTH (7) OTHER: _____ (8) EXTERNAL TO PASSENGER COMPARTMENT (E.G. BED OF PICKUP) (9) UNKNOWN</p> <p>LATERAL LOCATION <u>3</u> <small>17</small></p> <p>(1) LEFT (2) LEFT CENTER (3) CENTER (4) RIGHT CENTER (5) RIGHT (6) ALL (LYING ON SEAT) (8) EXTERNAL TO PASSENGER COMPARTMENT (9) UNKNOWN</p> <p>POSTURE <u>11</u> <small>18 19</small></p> <p>(10) SITTING ON SEAT (11) SITTING ON SEAT IN ABNORMAL POSITION (E.G. FEET ON DASH, SIDEWAYS) (12) SITTING ON CONSOLE (20) ON LAP OR IN ARMS (30) STANDING ON SEAT (40) STANDING ON FLOOR (47) STANDING, EXTERNAL TO PASSENGER COMPARTMENT (50) IN BASSINET (60) IN CHILD SEAT (65) IN CHILD HARNESS (70) LYING ON SEAT (80) LYING/SITTING ON PASSENGER FLOOR (83) LYING/SITTING ON OTHER OBJECT IN PASSENGER COMPARTMENT: _____ (85) ON CARGO FLOOR/FOLDED SEAT-BACK (87) LYING/SITTING, EXTERNAL TO PASSENGER COMPARTMENT (97) OTHER: _____ (99) UNKNOWN</p>	<p>MEDICAL CONDITIONS</p> <p>TREATMENT/MORTALITY <u>00</u> <small>31 32</small> (00) NONE (01) FIRST AID AT SCENE (02) TREATED AT HOSPITAL/CLINIC BUT NOT ADMITTED (03) HOSPITALIZED FOR OBSERVATION LESS THAN 24 HOURS (04) HOSPITALIZED OVER 24 HOURS OR FOR SIGNIFICANT TREATMENT (05) FATAL, DEAD AT SCENE (06) FATAL, DOA (07) FATAL, DEAD WITHIN 24 HOURS (08) FATAL, DEAD 24 HOURS TO 31 DAYS LATER (09) FATAL, DEAD 31 DAYS TO 1 YEAR LATER (10) FATAL DEAD WITHIN UNKNOWN PERIOD (99) UNKNOWN</p> <p>INJURY SEVERITY SCORE (ISS) <u>00</u> <small>33 34</small> (99) UNKNOWN</p> <p>NON-IMPACT MED. CONDITIONS <u>0</u> <small>35</small> (0) NONE (1) YES, TIME & TYPE UNKNOWN (2) PRE-CRASH FATAL (CLINICAL DEATH AT WHEEL) (3) PRE-CRASH NON-FATAL (E.G. PRIOR INJURY, STROKE) (4) PREGNANT (5) POST-CRASH FATAL (DROWNING) (6) POST-CRASH NON-FATAL INJURY (7) OTHER: _____ (8) COMBINATION OF ABOVE (CIRCLE EACH) (9) UNKNOWN</p>	

OCCUPANT INFORMATION OC-2

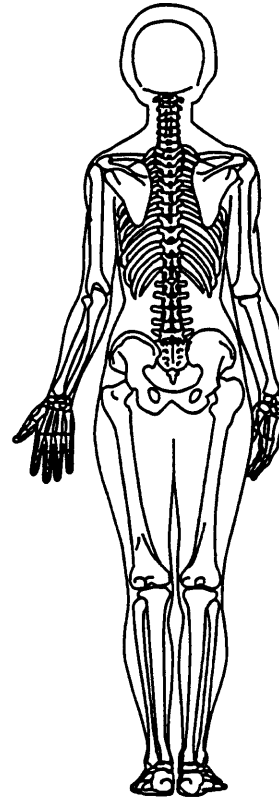
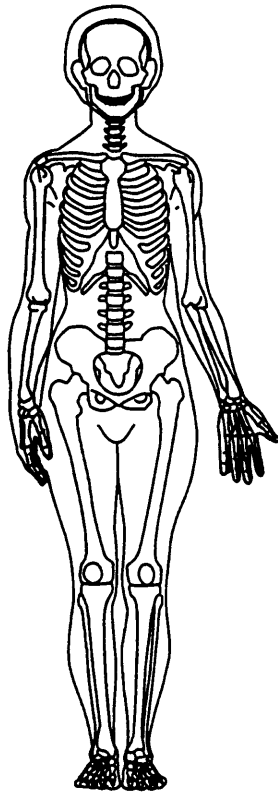
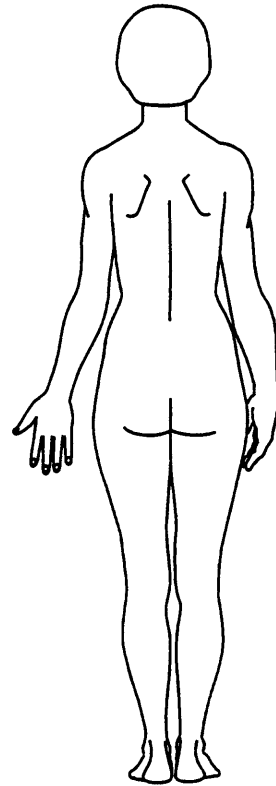
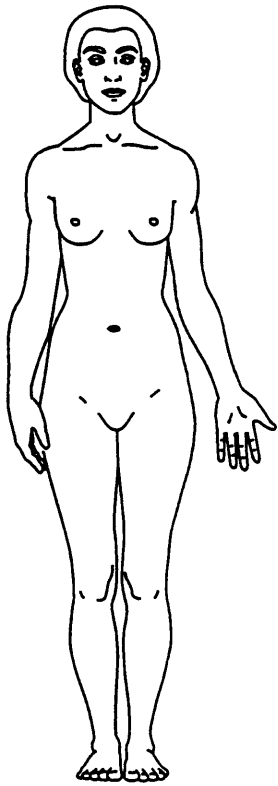
<p>MEDICAL CONDITIONS (CONT.)</p> <p>POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT</p> <p>(0) O - NO INJURY (1) C - POSSIBLE INJURY (2) B - NON-INCAPACITATING (3) A - INCAPACITATING INJURY (4) K - FATAL (5) INJURED, SEVERITY UNKNOWN (6) DIED PRIOR TO IMPACT (7) NON-FATAL INJURY, SEVERITY UNKNOWN (9) UNKNOWN</p>	<p>$\frac{0}{36}$</p>	<p>CHILD SEAT TYPE</p> <p>(00) NONE USED (01) YES, USED (02) INTEGRAL, Chrysler Mini-van (88) NOT APPLICABLE (ADULT OR OLDER CHILD) (99) UNKNOWN</p> <p>CHILD SEAT MAKE/MODEL</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>$\frac{88}{41 42}$</p>
<p>RESTRAINT SYSTEM</p> <p>ACTIVE RESTRAINT SYSTEM</p> <p>(0) NONE (1) LAP BELT (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (9) UNKNOWN</p> <p>ACTIVE RESTRAINT SYSTEM USAGE</p> <p>(0) NONE (AVAILABLE BUT NOT USED) (1) LAP BELT ONLY (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (7) IMPROPER USAGE (8) NOT APPLICABLE (NONE AVAILABLE) (9) UNKNOWN</p> <p>PASSIVE RESTRAINT SYSTEM</p> <p>(0) NONE (1) AIRBAG INSTALLED (2) PASSIVE UPPER TORSO WITH KNEE BOLSTERS (3) PASSIVE UPPER TORSO WITHOUT KNEE BOLSTERS (4) PASSIVE LAP & UPPER TORSO (5) AIRBAG INSTALLED & PASSIVE RESTRAINT (7) OTHER: _____ (9) UNKNOWN</p> <p>PASSIVE RESTRAINT SYSTEM USAGE</p> <p>(0) SYSTEM DEFEATED (1) AIRBAG NOT DEPLOYED (2) AIRBAG DEPLOYED (3) AIRBAG NOT REINSTALLED (4) PASSIVE UPPER TORSO USED (5) PASSIVE LAP & UPPER TORSO USED (6) SYSTEM USED IN MANUAL MODE (7) IMPROPER USAGE (8) NOT APPLICABLE (NOT ORIGINALLY EQUIPPED) (9) UNKNOWN</p>	<p>$\frac{1}{37}$</p> <p>$\frac{1}{38}$</p> <p>$\frac{0}{39}$</p> <p>$\frac{8}{40}$</p>	<p>EJECTION</p> <p>DEGREE OF EJECTION</p> <p>(0) NONE (1) PARTIAL (2) COMPLETE (7) EJECTED, DEGREE UNKNOWN (9) UNKNOWN IF EJECTED</p> <p>AREA OF EJECTION</p> <p>(01) WINDOW, LEFT SIDE (02) WINDOW, RIGHT SIDE (03) WINDOW, REAR (04) DOOR, LEFT SIDE (05) DOOR, RIGHT SIDE (06) DOOR, REAR OR TAILGATE (07) WINDSHIELD (08) ROOF OR OPEN CONVERTIBLE OR FROM EXTERNAL AREA (96) EJECTED AREA UNKNOWN (97) OTHER AREA: _____ (98) NOT APPLICABLE (NOT EJECTED) (99) UNKNOWN IF EJECTED</p>	<p>$\frac{0}{43}$</p> <p>$\frac{98}{44 45}$</p>
		<p>IF OCCUPANT WAS EJECTED, DESCRIBE IN DETAIL BELOW:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	
		<p>HEAD RESTRAINT</p> <p>HEAD RESTRAINT AVAILABLE FOR THIS POSITION</p> <p>(0) NOT EQUIPPED OR REMOVED (1) EQUIPPED (9) UNKNOWN</p>	<p>$\frac{0}{46}$</p>

OCCUPANT INFORMATION OC-3

OCCUPANT EYEWEAR		SOURCE OF INFORMATION	
(0) NONE (1) GLASSES (2) CONTACTS (3) BOTH GLASSES AND CONTACTS (4) OTHER _____ (8) NOT APPLICABLE (9) UNKNOWN	$\frac{0}{47}$	(0) INTERVIEW (1) HOSPITAL (2) AUTOPSY (3) POLICE (4) OTHER _____ (5) LAY CORONER/EXTERNAL EXAM (7) COMBINATION OF ABOVE (CIRCLE) (8) NOT APPLICABLE (9) UNKNOWN	$\frac{0}{48}$

OCCUPANT INFORMATION OC-4

No injury



Duplicate columns 1-8 from the previous card.

Module 1 C Format 0 1
 9 10 11 12

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

OCCUPANT INJURY CLASSIFICATION

					PRIMARY OIC					ASSOCIATED OIC					COMMENTS
OCCUPANT NUMBER	INJURY NUMBER	PLACE CONTACTS IN ORDER OF PROBABILITY (HORIZONTALLY). START WITH MOST PROBABLE IN 1ST CONTACT AREA COLUMN.		AREA(S) OF POSSIBLE CONTACT 1ST 2ND	BODY REGION 1	ASPECT 2	LESION 3	SYSTEM/ORGAN 4	SEVERITY 5	BODY REGION 1	ASPECT 2	LESION 3	SYSTEM/ORGAN 4	SEVERITY 5	
		17-18	19-20												
13-14	15-16	17-18	19-20	COMMENTS	21	22	23	24	25	26	27	28	29	30	
03	---	---	---		---	---	---	---	---	---	---	---	---	---	
Duplicate "Occupant Number" for each line.					No Injury										

NOTE: USE ADDITIONAL PAGES IF NECESSARY.

INJURY CLASSIFICATION IC-2

CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (12) WINDSHIELD
- (05) INSTRUMENT PANEL (*SPECIFIC AREA UNKNOWN*)
- (54) UPPER INSTRUMENT PANEL (*X*)
- (55) MIDDLE INSTRUMENT PANEL (*Y*)
- (56) LOWER INSTRUMENT PANEL (*Z*)
- (81) ASH TRAY (*INSTRUMENT PANEL*)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (*ACRS*) COMPARTMENT DOOR/COVER
- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (09) STEERING ASSEMBLY (*SPECIFIC AREA UNKNOWN*)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN
- (03) HARDWARE ITEM (*SPECIFIC AREA UNKNOWN*)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (*FRONT*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (*BUILT IN*)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (*LOCATION UNK.*)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (*LOCATION UNKNOWN*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM
- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (*AIRBAG*)
- (47) AIRBAG (*ACRS*) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (*FROM ANY SOURCE*)
- (41) UNKNOWN INTERIOR SURFACE

SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK
- (22) WINDOW GLASS (*SIDE*)
- (21) WINDOW FRAMES (*SIDE*)
- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (91) KICKPANEL

ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (*SPECIFIC AREA UNKNOWN*)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (*SPECIFIC AREA UNK.*)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (*NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.*)

PENETRATING OBJECTS

- (61) OTHER VEHICLE
- (72) OBJECTS (*DESCRIBE*)

MISCELLANEOUS

- (00) NO CONTACT (*INVALID FIELD FORM CODE*)
- (38) OTHER (*E.G. FIRE. DESCRIBE*)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

Case No.: 08-071 & 08

Case No.: 08-071

Type: Grand Jury ME, 2 other suspects

Driver: 26-year-old female

Veh. ID: 1998 Ford Ranger BL, 4 x 2 pickup

Light Conditions: Daylight

Weather: Cloudy

Frost Surface: Dry

Frost Construction: Asphalt





PN 3713-98 #2



PN 3713-98 #3
Best Available



PN3713-98 #4
Best Available



PN3713-98 #5
Best Available



PN3713-98 #6
Best Available



PN3713-98 #7
Best Available



PN 3713-96 #8
Best Available



PN3713-98 #9



PN3713-98 #10
Best Available



PN3713-98 #11



PN3713-98 #12



PN3713-98 #13



PN3713-98 #14



PN3713-98 #15



PN3713-98 #16



PN3713-98 #17



PN3713-98 #18

Best Available



PN 3713-98 #19
Best Available



PN 3713-98 #20



PN 3713-98 #21



PN 3713-98 #22



PN3713-98 #23



PN3713-98 #24



PN3713-98 #25



PN3713-98 #26



PN3713-98 #27



PN 3713-98 #28
Best Available



PN3713-98 #29



PN3713-98 #30



PN 3713-98 #31

Best Available



PN 3713-98 #32

CASE NO.: 1803PH0400

CASE VEHICLE: 1998 Pontiac

TYPE: General Inv SE, 2-door coupe

OCCUPANT: Driver, 28-year-old female

STATURE: 165 cm (5 ft 4 in) (kg) (140) or (kg) (308 lbs)

RESTRAINTS: 3-point belt not worn, airbag deployed

SEVERITY: (AIS) - 1 ; (ISS) - 1

Strain and
swollen right arm,
from wrist to
shoulder
(1)



CASE NO: 94-0119-00

CASE VEHICLE: 1998 Pontiac

TYPE: Grand Am SE, 2-door coupe

OCCUPANT: Right front, 20-year-old male

STATURE: 182 cm (6 ft 0 in) MASS: 60 kg (132 lb)

RESTRAINTS: Lap/seat belt worn and airbag deployed

SEVERITY: MAIS - 0 ; AIS - 0



No injury



CASE NO.: 88-2712-88

CASE VEHICLE: 1988 Pontiac

TYPE: Grand Am (SE), 3-door coupe

OCCUPANT: Driver (rear) 18 year-old female

STATURE: 163 cm (5 ft 4 in) MASS: 54 kg (120 lbs)

RESTRAINTS: Lap belt worn (sitting sideways
with feet behind driver's seat)

SEVERITY: MAJ - 0 / ISS - 0



No injury

